ADOS GmbH, 52078 Aachen, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GTR 210 (variant IP54)	fixed	BVS 12 ATEX G 001 X	06/12/2012	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
GTR 210 (variant IP66)	fixed	BVS 12 ATEX G 001 X N1	15/10/2013	alkanes (methane to hexane)	catalytic combustion	0 - 100 % LEL
GTR 210 (variant IP54)	fixed	BVS 12 ATEX G 001 X N2	06/10/2016	hydrogen, ethanol, ammonia	catalytic combustion	0 - 100 % LEL
GTR 210 (variant IP66)	fixed	BVS 12 ATEX G 001 X N2	06/10/2016	hydrogen, ethanol, ammonia	catalytic combustion	0 - 100 % LEL
GTR 210 Ex (variant IP66)	fixed	BVS 12 ATEX G 001 X N3	08/10/2019	oxygen	electrochemical sensor	0 - 25 %(v/v)
GTR 210 Ex (variant IP54)	fixed	BVS 12 ATEX G 001 X N4	19/05/2020	n-alkanes (methane to hexane), hydrogen, ethanol	catalytic combustion	0 - 100 % LEL
GTR 210 Ex (variant IP66)	fixed	BVS 12 ATEX G 001 X N4	19/05/2020	n-alkanes (methane to hexane), hydrogen, ethanol	catalytic combustion	0 - 100 % LEL
GTR 210 Ex (variant IP66)	fixed	BVS 12 ATEX G 001 X N4	19/05/2020	methane, propane	infrared absorption	0 - 100 % LEL
GTR 210 Ex (variant IP66)	fixed	BVS 12 ATEX G 001 X N4	19/05/2020	oxygen	electrochemical sensor	0 - 25 %(v/v)

ADOS GmbH, 52078 Aachen, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GTR 210 Ex (variant IP54)	fixed	BVS 12 ATEX G 001 X N5	10/01/2022	see BVS 12 ATEX G 001 X N4		
GTR 210 Ex (variant IP66)	fixed	BVS 12 ATEX G 001 X N5	10/01/2022	see BVS 12 ATEX G 001 X N4		

Bernath Atomic GmbH & Co. KG, 30974 Wennigsen, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
BA 3010 EuroFID (inline version)	fixed	BVS 03 ATEX G 019 X	18/12/2003	propane, acetone, methanol, ethanol, ethyl acetate	flame ionisation	0 - 100 % LEL
BA 3010 EuroFID (inline version)	fixed	BVS 03 ATEX G 019 X N1	19/10/2004	see BVS 03 ATEX G 019 X	flame ionisation	0 - 100 % LEL

Bieler + Lang GmbH, 77855 Achern, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GMC 8022, GMC 8022E	fixed, control unit	BVS 03 ATEX G 007 X	04/07/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMC 8022, GMC 8022E	fixed, control unit	BVS 03 ATEX G 007 X N1	05/07/2004	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMC 8022, GMC 8022E	fixed, control unit	BVS 03 ATEX G 007 X N2	28/02/2011	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMC 8022, GMC 8022E/4-20	fixed, control unit	BVS 03 ATEX G 007 X N3	19/12/2016	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMC 8022, GMC 8022E, GMC 8022E/4-20	fixed, control unit	BVS 03 ATEX G 007 X Ausgabe 01	22/03/2024	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMC 8022 H	fixed, control unit	BVS 03 ATEX G 008 X	04/07/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL

Control Instruments Corporation, Fairfield, New Jersey 07004, USA

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X	28/05/2003	propane, acetone, benzene, 2-butanone, ethanol, ethyl acetate, n-hexane, 2-propanol, Shellsol 60/95	flame temperature	0 - 80 % LEL
				n-heptane, o-xylene, toluene	flame temperature	0 - 70 % LEL
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N2	30/09/2004	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N3	17/12/2007	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N4	17/03/2008	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N5	19/05/2016	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N6	12/12/2018	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X N7	21/10/2020	see DMT 03 ATEX G 001 X		
Prevex model 670 FTA	fixed	DMT 03 ATEX G 001 X Issue 01	28/05/2025	see DMT 03 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Sensing head SE Ex PR M.. with control unit Polytron	fixed, remote sensor and control unit	DMT 97 ATEX E 006 X N1	31/08/1999	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether	catalytic combustion	0 - 100 % LEL
Sensing head SE Ex PR M.. with control unit Polytron	fixed, remote sensor and control unit	DMT 97 ATEX E 006 X N2	21/12/1999	acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene	catalytic combustion	0 - 100 % LEL
Sensing head SE Ex PR M .. with control unit Polytron	fixed, remote sensor and control unit	DMT 97 ATEX E 006 X N3	07/09/2000	acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL
Sensing heads SE Ex PR M and SE Ex HT M with control unit Polytron	fixed, remote sensor and control unit	DMT 97 ATEX E 006 X N6	31/03/2008	see DMT 97 ATEX E 006 X N1-N3	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 2 IR	fixed, remote sensor	DMT 97 ATEX E 003 X N2	02/12/1999	methane, propane, ethylene, n-hexane	infrared absorption	0 - 100 % LEL
Polytron 2 IR	fixed, remote sensor	DMT 97 ATEX E 003 X N3	30/05/2000	see DMT 97 ATEX E 003 X N2	infrared absorption	0 - 100 % LEL
Polytron 2 IR Ausf./Style 334	fixed, remote sensor	DMT 97 ATEX E 003 X N5	28/06/2001	methane, propane, ethylene	infrared absorption	0 - 100 % LEL
Polytron 2 IR Ausf./Style 334	fixed, remote sensor	DMT 97 ATEX E 003 X N6	18/12/2001	acetone, n-butane, ethanol, ethyl acetate, n-hexane, methanol, n-octane, n-pentane, propene, 2-propanol, toluene	infrared absorption	0 - 100 % LEL
Polytron 2 IR	fixed, remote sensor	DMT 97 ATEX E 003 X N7	03/03/2004	see DMT 97 ATEX E 003 X N2	infrared absorption	0 - 100 % LEL
Polytron 2 IR Ausf./Style 334	fixed, remote sensor	DMT 97 ATEX E 003 X N7	03/03/2004	see DMT 97 ATEX E 003 X N5 and N6	infrared absorption	0 - 100 % LEL
Polytron 2 IR type 340	fixed, remote sensor	DMT 97 ATEX E 003 X N8	09/06/2004	propane, n-hexane	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 2 IR Ausf./Style 334	fixed, remote sensor	DMT 97 ATEX E 003 X N10	22/10/2004	benzene, n-butyl acetate, ethylene oxide, 2-butanone (MEK), 4-methyl-2-pentanone (MIBK), allyl chloride, 1,2-dichloropropane, 1,3-dichloropropene, epichlorohydrin, chlorobenzene, propylene oxide, styrene, 1-methoxy-2-propanol	infrared absorption	0 - 100 % LEL
Polytron 2 IR Ausf./Style 334	fixed, remote sensor	DMT 97 ATEX E 003 X N11	06/09/2005	see DMT 97 ATEX E 003 X N5, N6 and N10	infrared absorption	0 - 100 % LEL
Polytron 2 IR type 340	fixed, remote sensor	DMT 97 ATEX E 003 X N11	06/09/2005	see DMT 97 ATEX E 003 X N8	infrared absorption	0 - 100 % LEL
Polytron 2 IR	fixed, remote sensor	DMT 97 ATEX E 003 X N12	18/11/2005	see DMT 97 ATEX E 003 X N2	infrared absorption	0 - 100 % LEL
Polytron 2 IR type 334	fixed, remote sensor	DMT 97 ATEX E 003 X N12	18/11/2005	see DMT 97 ATEX E 003 X N5, N6 and N10	infrared absorption	0 - 100 % LEL
Polytron 2 IR type 340	fixed, remote sensor	DMT 97 ATEX E 003 X N12	18/11/2005	see DMT 97 ATEX E 003 X N8	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 1 O2	fixed, remote sensor	DMT 01 ATEX E 007 X N1	03/07/2003	oxygen	electrochemical sensor	0 - 25 %(v/v)
Miniwarn	portable, multi gas detector	DMT 98 ATEX E 019 X N3	08/08/2003	methane	catalytic combustion	0 - 100 % LEL
Multiwarn II	portable, multi gas detector	DMT 02 ATEX E 064 X N2	08/08/2003	methane	catalytic combustion	0 - 100 % LEL
				methane	thermal conductivity	0 - 100 %(v/v)
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Multiwarn II	portable, multi gas detector	DMT 02 ATEX E 064 X N3	10/02/2004	methane	catalytic combustion	0 - 100 % LEL
				methane	thermal conductivity	0 - 100 %(v/v)
				oxygen	electrochemical sensor	0 - 25 %(v/v)
control unit Polytron	fixed, control unit	BVS 03 ATEX G 018 X	19/12/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron IR Ex	fixed, remote sensor	DMT 02 ATEX E 178 X N1	26/01/2004	methane	infrared absorption	0 - 20 % LEL
				xylene (isomer mixture), propene		0 - 50 % LEL
				cyclohexane		0 - 60 % LEL
				methyl butyl ketone, n-butyl acetate, i-butane, n-butene		0 - 70 % LEL
				propane, cyclopentane, ethyl acetate, dimethyl ether, n-pentane, methyl ethyl ketone, acetone, 2-propanol, n-octane, toluene, ethanol, metha-nol, n-butane, Actrel 1156, Actrel 3356 D, Shellsol TK		0 - 100 % LEL
				methane		0 - 100 %(v/v)

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron Ex	fixed, remote sensor	BVS 03 ATEX E 160 X N1	30/04/2004	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 99 % LEL
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N1	22/10/2004	propane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N4	17/05/2005	methane, propane	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N5	09/06/2005	methane, propane	catalytic combustion	0 - 100 % LEL
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N7	22/02/2008	n-nonane	catalytic combustion	0 - 100 % LEL
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N8	22/07/2010	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
				see BVS 03 ATEX E 371 X N4	infrared absorption	0 - 100 % LEL
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N10	21/12/2011	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 7000	portable, multi gas detector	BVS 03 ATEX E 371 X N11	27/05/2013	methane	catalytic combustion	0 - 5 %(v/v)
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Polytron 7000 (type P3U)	fixed, remote sensor	BVS 03 ATEX E 406 X N1	23/06/2005	oxygen	electrochemical sensor	0 - 25 %(v/v)
Polytron 7000 (type P3U)	fixed, remote sensor	BVS 03 ATEX E 406 X N3	30/04/2007	oxygen	electrochemical sensor	0 - 25 %(v/v)

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 7000 (type P3U)	fixed, remote sensor	BVS 03 ATEX E 406 X N4	15/10/2010	oxygen	electrochemical sensor	0 - 25 %(v/v)
Polytron 7000 (type P3U)	fixed, remote sensor	BVS 03 ATEX E 406 X N5	27/05/2011	oxygen	electrochemical sensor	0 - 25 %(v/v)
Polytron 7000 (type P3U)	fixed, remote sensor	BVS 03 ATEX E 406 X N10	18/11/2019	oxygen	electrochemical sensor	0 - 25 %(v/v)
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N1	27/10/2006	methane, propane, ethylene	infrared absorption	0 - 100 % LEL
Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N1	27/10/2006	methane, propane, ethylene	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) with control unit Polytron SE Ex	fixed, remote sensor and control unit	BVS 05 ATEX E 143 X N2	27/10/2006	methane, propane, ethylene	infrared absorption	0 - 100 % LEL
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N3	19/05/2008	methanol, ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate		0 - 100 % LEL
Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N3	19/05/2008	methanol, ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate		0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) with control unit Polytron SE Ex	fixed, remote sensor and control unit	BVS 05 ATEX E 143 X N4	19/05/2008	methanol, ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate		0 - 100 % LEL
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N6	27/05/2011	see BVS 05 ATEX E 143 X N1, N3		
Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N6	27/05/2011	see BVS 05 ATEX E 143 X N1, N3		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N9	07/07/2016	see BVS 05 ATEX E 143 X N1, N3		
Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)	fixed, remote sensor	BVS 05 ATEX E 143 X N9	07/07/2016	see BVS 05 ATEX E 143 X N1, N3		
X-am 1100, X-am 1700, X-am 2000 (type LQG 00xx)	portable, multi gas detector	BVS 06 ATEX G 006 X	14/12/2006	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 1100, X-am 1700, X-am 2000 (type LQG 00xx)	portable, multi gas detector	BVS 06 ATEX G 006 X N1	07/05/2010	see BVS 06 ATEX G 006 X	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 1100, X-am 1700, X-am 2000 (type LQG 00xx)	portable, multi gas detector	BVS 06 ATEX G 006 X N2	28/04/2011	see BVS 06 ATEX G 006 X	catalytic combustion	0 - 100 % LEL
X-am 5000 (type MQG 00xx)	portable, multi gas detector	BVS 08 ATEX G 002 X	27/06/2008	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 5000 (type MQG 00xx)	portable, multi gas detector	BVS 08 ATEX G 002 X N1	01/03/2010	see BVS 08 ATEX G 002 X	catalytic combustion	0 - 100 % LEL
X-am 5000 (type MQG 00xx)	portable, multi gas detector	BVS 08 ATEX G 002 X N2	28/04/2011	see BVS 08 ATEX G 002 X	catalytic combustion	0 - 100 % LEL
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X	30/10/2008	propane	infrared absorption	0 - 5000 ppm
				methane, propane, ethylene		0 - 100 % LEL
				methane		0 - 100 %(v/v)

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N1	30/06/2009	methanol, ethanol, i-propanol, benzene, toluene, propylene, n-butane, i-butane, n-pentane, n-hexane, n-octane, n-nonane	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 type 334 (type IDS 01x1)	fixed, remote sensor	BVS 08 ATEX G 001 X N2	22/12/2010	acetone, allyl chloride, dichloromethane, 1,2-dichloropropane, 1,3-dichloropropene, epichlorohydrin, ethyl acetate, ethylene oxide, methyl chloride, 2-butanone (MEK), propylene oxide, o-xylene, 1,2-Dichloroethane, 1-methoxy-2-propanol	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 type 340 (type IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N2	22/12/2010	acetone, dichloromethane, 1,3-dichloropropene, ethyl acetate, ethylene oxide, methyl chloride, 2-butanone (MEK), propylene oxide, 1,2-Dichloroethane	infrared absorption	0 - 100 % LEL
				cyclohexane		0 - 50 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N3	10/03/2011	see BVS 08 ATEX G 001 X and N1, N2		
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N4	20/06/2012	see BVS 08 ATEX G 001 X and N1, N2		
Draeger PIR 7000 type 334 (type IDS 01x1)	fixed, remote sensor	BVS 08 ATEX G 001 X N5	10/02/2014	methyl isobutyl ketone, styrene	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 type 340 (type IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N5	10/02/2014	methyl isobutyl ketone, allyl chloride, 1,2-Dichloro-propane, epichlorohydrin, o-xylene, 1-methoxy-2-propanol, cyclohexane	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N6	08/08/2014	see BVS 08 ATEX G 001 X and N1, N2, N5		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N7	30/01/2015	see BVS 08 ATEX G 001 X and N1, N2, N5		
Draeger PIR 7000 type 334 (type IDS 01x1)	fixed, remote sensor	BVS 08 ATEX G 001 X N8	27/02/2015	Vinyl chloride, Chloro-benzene, 1-Butene, Methyl chloroformate, 2,2,4-Trimethylpentane, 2,2,4,6,6-Pentamethyl-heptane	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 type 340 (type IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N8	27/02/2015	1-Butene, Methyl chloro-formate, 2,2,4-Trimethyl-pentane, 2,2,4,6,6-Penta-methylheptane, Methylcyclohexane	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N9	29/06/2016	see BVS 08 ATEX G 001 X and N1, N2, N5, N8		
Draeger PIR 7000 type 334 (type IDS 01x1)	fixed, remote sensor	BVS 08 ATEX G 001 X N10	24/08/2018	ethanol, n-propanol, n-butanol, hexamethyldisi-loxane, methyl acetate, methyl methacrylate, vinyl acetate	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Draeger PIR 7000 type 340 (type IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N10	24/08/2018	ethanol, n-propanol, n-butanol, hexamethyldisi-loxane, methyl acetate, methyl methacrylate	infrared absorption	0 - 100 % LEL
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N11	16/12/2019	see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10		
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X N12	14/10/2021	see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10		
Draeger PIR 7000 (types IDS 01x1, IDS 01x2)	fixed, remote sensor	BVS 08 ATEX G 001 X issue 01	14/02/2024	see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10		
X-am 5600 (type MQG 01**)	portable, multi gas detector	BVS 10 ATEX E 080 X N1	24/08/2010	methane, propane, n-nonane	infrared absorption	0 - 100 % LEL
				hydrogen	electrochemical sensor	0 - 100 % LEL
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N3	11/01/2013	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N3	11/01/2013	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X N3	11/01/2013	methane, propane, n-nonane	infrared absorption	0 - 100 % LEL
				hydrogen	electrochemical sensor	0 - 100 % LEL
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N4	02/06/2014	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N4	02/06/2014	alkanes (methane to nonane)	catalytic combustion	0 - 100 % LEL
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X N4	02/06/2014	methane, propane, n-nonane	infrared absorption	0 - 100 % LEL
				hydrogen	electrochemical sensor	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N6	20/12/2016	sensor XDS 00X2: methane, propane, ethane, ethene, ethine, propene, n-butane, i-butene, hydrogen	catalytic combustion	0 - 100 % LEL
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N6	20/12/2016	sensor XDS 00X2: methane, propane, ethane, ethene, ethine, propene, n-butane, i-butene, hydrogen	catalytic combustion	0 - 100 % LEL
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N7	02/08/2017	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N7	02/08/2017	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X N7	02/08/2017	see BVS 10 ATEX E 080 X N4		
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N8	13/08/2018	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N8	13/08/2018	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X N8	13/08/2018	see BVS 10 ATEX E 080 X N4		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X N9	03/04/2020	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X N9	03/04/2020	see BVS 10 ATEX E 080 X N4 (sensor XDS 00x4) and BVS 10 ATEX E 080 X N6 (sensor XDS 00x2)		
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X N9	03/04/2020	see BVS 10 ATEX E 080 X N4		
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 02	02/09/2022	sensor XDS 00x4: alkanes (methane to nonane) sensor XDS 00X2: methane, propane, ethane, ethene, ethine, propene, n-butane, i-butene, hydrogen	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 02	02/09/2022	sensor XDS 00x4: alkanes (methane to nonane) sensor XDS 00X2: methane, propane, ethane, ethene, ethine, propene, n-butane, i-butene, hydrogen	catalytic combustion	0 - 100 % LEL
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 02	02/09/2022	methane, propane, n- nonane	infrared absorption	0 - 100 % LEL
				hydrogen	electrochemical sensor	0 - 100 % LEL
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 03	14/12/2022	see BVS 10 ATEX E 080 X issue 02		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 03	14/12/2022	see BVS 10 ATEX E 080 X issue 02		
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 03	14/12/2022	see BVS 10 ATEX E 080 X issue 02		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 04	02/08/2023	see BVS 10 ATEX E 080 X issue 02		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 04	02/08/2023	see BVS 10 ATEX E 080 X issue 02		
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 04	02/08/2023	see BVS 10 ATEX E 080 X issue 02		
X-am 2500 (type MQG 0011)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 05	22/03/2024	see BVS 10 ATEX E 080 X issue 02		
X-am 5000 (type MQG 0010)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 05	22/03/2024	see BVS 10 ATEX E 080 X issue 02		
X-am 5600 (type MQG 0100)	portable, multi gas detector	BVS 10 ATEX E 080 X issue 05	22/03/2024	see BVS 10 ATEX E 080 X issue 02		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X	12/09/2013	methane, propane, acetone, acetylene, ammonia, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, 2-butanone, n-butyl acetate, diethyl ether, dimethyl ether, ethanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, methyl methacrylate, n-octane, n-pentane, 2-propanol, propylene, propylene oxyide, n-nonane, toluene, o-xylene, hydrogen	catalytic combustion	0 - 100 % LEL
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X	12/09/2013	ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				methane, propane, ethylene, i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate		0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X	12/09/2013	see BVS 08 ATEX G 001 X and supplements for type IDS 01x1	infrared absorption	
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X	12/09/2013	see BVS 08 ATEX G 001 X and supplements for type IDS 01x2	infrared absorption	
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N1	13/11/2014	acetic acid	catalytic combustion	0 - 100 % LEL
Polytron 8000 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N2	19/12/2014	oxygen	electrochemical sensor	0 - 5…25 %(v/v)
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N3	29/06/2015	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N3	29/06/2015	see BVS 13 ATEX G 001 X		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N3	29/06/2015	see BVS 13 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N3	29/06/2015	see BVS 13 ATEX G 001 X and N1		
Polytron 8000 (type ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N3	29/06/2015	see BVS 13 ATEX G 001 X N2		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N4	18/05/2017	oxygen	electrochemical sensor	0 - 5…25 %(v/v)
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N4	18/05/2017	see BVS 13 ATEX G 001 X and N1		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N4	18/05/2017	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N4	18/05/2017	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N4	18/05/2017	see BVS 13 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N5	27/04/2018	see BVS 13 ATEX G 001 X and N1		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N6	27/02/2019	see BVS 13 ATEX G 001 X N4		
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N6	27/02/2019	see BVS 13 ATEX G 001 X and N1		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N6	27/02/2019	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N6	27/02/2019	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N6	27/02/2019	see BVS 13 ATEX G 001 X		
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N7	29/07/2019	Methane, propane, ethylene, acetylene, propylene, i-butylene, benzene, n-nonane, hydrogen	catalytic combustion	0 - 10 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N8	04/02/2020	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N8	04/02/2020	see BVS 13 ATEX G 001 X		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X N4		
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X and N1		
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X N7		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X N9	01/02/2021	see BVS 13 ATEX G 001 X		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X N10	07/12/2021	see BVS 13 ATEX G 001 X N4		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X N4		
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X and N1		
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X N7		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 01	26/06/2023	see BVS 13 ATEX G 001 X		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	see BVS 13 ATEX G 001 X N4		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	methane, propane, acetic acid, acetone, acetylene, allyl alcohol, ammonia, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, isobutane, isobutene, 2-butanone, n-butyl acetate, carbon monoxide, cyclo-hexane, cyclopentane, diethyl ether, dimethyl ether, ethane, ethanol, 1-ethoxy-2-propanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, 1-methoxy-2-propanol, methyl methacrylate, 1-methyl-2-pyrrolidone, methyl *tert*-butylether, n-octane, n-pentane, 1-propanol, 2-propanol, propylene, propylene oxide, n-nonane, styrene, toluene, o-xylene, hydrogen	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	see BVS 13 ATEX G 001 X N7		
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	23/10/2023	see BVS 13 ATEX G 001 X		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 03	22/04/2025	see BVS 13 ATEX G 001 X N4		
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 02	22/04/2025	see BVS 13 ATEX G 001 X issue 02		
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 03	22/04/2025	see BVS 13 ATEX G 001 X N7		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 03	22/04/2025	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 03	22/04/2025	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 03	22/04/2025	see BVS 13 ATEX G 001 X		
Polytron 8100 (types ETR 040* and ETR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	Oxygen Hydrogen	EC EC	0-5…25 %v/v) 0-100 %LEL
Polytron 8200 (types XTR 041* and XTR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	see BVS 13 ATEX G 001 X issue 02		
Polytron 8200 (types XTR 042* and XTR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	see BVS 13 ATEX G 001 X N7		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 8310 (types XTR 040* and XTR 050*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 041* and ITR 051*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	see BVS 13 ATEX G 001 X		
Polytron 8700 (types ITR 042* and ITR 052*)	fixed, remote sensor	BVS 13 ATEX G 001 X issue 04	26/05/2026	see BVS 13 ATEX G 001 X		
Polytron 5200 (types XTR 021* and XTR 031*)	fixed, remote sensor	BVS 15 ATEX G 001 X	03/09/2015	methane, propane, acetone, acetylene, ammonia, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, 2-butanone, n-butyl acetate, diethyl ether, dimethyl ether, ethanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, methyl methacrylate, n-octane, n-pentane, 2-propanol, propylene, propylene oxide, n-nonane, toluene, o-xylene, hydrogen	catalytic combustion	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 5310 (types XTR 020* and XTR 030*)	fixed, remote sensor	BVS 15 ATEX G 001 X	03/09/2015	ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				methane, propane, ethylene, i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate		0 - 100 % LEL
Polytron 5700 (types ITR 021* and ITR 031*)	fixed, remote sensor	BVS 15 ATEX G 001 X	03/09/2015	see BVS 08 ATEX G 001 X and supplements for type IDS 01x1	infrared absorption	
Polytron 5700 (types ITR 022* and ITR 032*)	fixed, remote sensor	BVS 15 ATEX G 001 X	03/09/2015	see BVS 08 ATEX G 001 X and supplements for type IDS 01x2	infrared absorption	
Polytron 5200 (types XTR 021* and XTR 031*)	fixed, remote sensor	BVS 15 ATEX G 001 X N1	27/04/2018	see BVS 15 ATEX G 001 X		
Polytron 5310 (types XTR 020* and XTR 030*)	fixed, remote sensor	BVS 15 ATEX G 001 X N1	27/04/2018	see BVS 15 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Polytron 5700 (types ITR 021* and ITR 031*)	fixed, remote sensor	BVS 15 ATEX G 001 X N1	27/04/2018	see BVS 15 ATEX G 001 X		
Polytron 5700 (types ITR 022* and ITR 032*)	fixed, remote sensor	BVS 15 ATEX G 001 X N1	27/04/2018	see BVS 15 ATEX G 001 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X	09/02/2017	flammable gases according to used transmitter		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X	09/02/2017	oxygen according to used transmitter		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X N1	31/01/2018	see BVS 16 ATEX G 003 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X N2	14/06/2018	see BVS 16 ATEX G 003 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X N3	05/02/2021	see BVS 16 ATEX G 003 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X N4	26/04/2021	see BVS 16 ATEX G 003 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X N5	14/11/2022	see BVS 16 ATEX G 003 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X issue 01	16/07/2024	see BVS 16 ATEX G 003 X		
REGARD 7000	fixed, control unit	BVS 16 ATEX G 003 X issue 02	17/10/2025	see BVS 16 ATEX G 003 X		
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N1	26/06/2019	sensor CatEx 125 PR Gas: methane, propane, ethane, ethene, ethine, propene, n-butane, i-butene, hydrogen	catalytic combustion	0 - 100 % LEL
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N1	26/06/2019	sensor CatEx 125 PR: n-alkanes from methane to n-octane	catalytic combustion	0 - 100 % LEL
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N1	26/06/2019	sensors Dual IR Ex/CO_2 und IR Ex: methane, propane, n-nonane	infrared absorption	0 - 100 % LEL

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N1	26/06/2019	sensor XXS H_2 HC: hydrogen	electrochemical sensor	0 - 100 % LEL
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N2	03/04/2020	see BVS 17 ATEX E 040 X N1		
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N2	03/04/2020	sensors Dual IR Ex/CO_2 ES und IR Ex ES: methane, propane, n-nonane	infrared absorption	0 - 100 % LEL
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N3	15/04/2021	see BVS 17 ATEX E 040 X N2		
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X N5	13/12/2021	see BVS 17 ATEX E 040 X N2		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X issue 01	02/11/2022	see BVS 17 ATEX E 040 X N2		
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X issue 02	06/06/2023	see BVS 17 ATEX E 040 X N2		
X-am 3500 X-am 8000 (types HFG 00*0)	portable, multi gas detector	BVS 17 ATEX E 040 X issue 03	31/01/2024	see BVS 17 ATEX E 040 X N2		
REGARD 3000	fixed, control unit	BVS 21 ATEX G 001 X	12/01/2022	flammable gases accord- ing to used transmitter		
REGARD 3000	fixed, control unit	BVS 21 ATEX G 001 X	12/01/2022	oxygen according to used transmitter		
REGARD 3000	fixed, control unit	BVS 21 ATEX G 001 X N1	01/08/2022	see BVS 21 ATEX G 001 X		
REGARD 3000	fixed, control unit	BVS 21 ATEX G 001 X issue 01	20/08/2024	see BVS 21 ATEX G 001 X		

Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
REGARD 3000	fixed, control unit	BVS 21 ATEX G 001 X issue 02	17/10/2025	see BVS 21 ATEX G 001 X		
REGARD 3000 plus	fixed, control unit	BVS 21 ATEX G 001 X issue 02	17/10/2025	flammable gases according to used transmitter		
REGARD 3000 plus	fixed, control unit	BVS 21 ATEX G 001 X issue 02	17/10/2025	oxygen according to used transmitter		

Draeger Safety France sas, 67100 Strasbourg, France

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Control unit UniGard with sensing head SE Ex PR M..	fixed, control unit and remote sensor	BVS 05 ATEX G 002 X	13/09/2005	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL
Control unit UniGard with sensing head Polytron 2 IR	fixed, control unit and remote sensor	BVS 05 ATEX G 002 X	13/09/2005	see DMT 97 ATEX E 003 X N2, N3, N5, N6, N7, N8, N10 and N11	infrared absorption	0 - 100 % LEL

Draeger Safety France sas, 67100 Strasbourg, France (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Control unit module 8 SE-EX with sensing head SE Ex PR M..	fixed, control unit and remote sensor	BVS 05 ATEX G 003 X	19/12/2005	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL

Draeger Safety France sas, 67100 Strasbourg, France (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Control unit MCE 420 with sensing head SE Ex PR M..	fixed, control unit and remote sensor	BVS 06 ATEX G 001 X	04/04/2006	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard	fixed, control unit	DMT 02 ATEX G 002 X	24/03/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
Regard	fixed, control unit	DMT 02 ATEX G 002 X N1	01/08/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
Regard	fixed, control unit	DMT 02 ATEX G 002 X N2	26/05/2004	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
Regard with DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, control unit and remote sensor	DMT 02 ATEX G 002 X N3	27/10/2006	methane, propane, ethylene	infrared absorption	0 - 100 % LEL

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard with sensing heads SE Ex PR M and SE Ex HT M	fixed, control unit and remote sensor	DMT 02 ATEX G 002 X N4	31/03/2008	methane, propane, n-butane hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopro-pane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL
Regard with DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)	fixed, control unit and remote sensor	DMT 02 ATEX G 002 X N5	19/05/2008	methanol, ethanol, ethyl acetate	infrared absorption	0 - 70 % LEL
				i-butane, n-butane, n-pen-tane, n-hexane, n-octane, n-nonane, i-propanol, propy-lene, toluene, acetone, ethyl acetate		0 - 100 % LEL
Regard	fixed, control unit	DMT 02 ATEX G 002 X N6	29/05/2009	See DMT 02 ATEX G 002 X and N2 - N5		

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD	fixed, control unit and remote sensor	DMT 02 ATEX G 002 X N7	15/10/2010	ammonia, hydrogen	catalytic combustion	0 - 70 % LEL
				methane, propane, acetone, acetylene, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, 2-butanone, n-butyl acetate, diethyl ether, dimethyl ether, ethanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, methyl methacrylate, n-octane, n-pentane, 2-propanol, propylene, propylene oxyide, n-nonane, toluene, o-xylene		0 - 100 % LEL

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD	fixed, control unit and remote sensor	DMT 02 ATEX G 002 X N8	18/07/2011	see DMT 02 ATEX G 002 X N7		
Regard	fixed, control unit	DMT 02 ATEX G 002 X N9	17/10/2011	see DMT 02 ATEX G 002 X and N2 - N8		
Regard	fixed, control unit	DMT 02 ATEX G 002 X N10	27/11/2015	see DMT 02 ATEX G 002 X and N2 - N8		
Regard	fixed, control unit	DMT 02 ATEX G 002 X N11	18/04/2016	see DMT 02 ATEX G 002 X and N2 - N8		

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard-1	fixed, control unit	BVS 03 ATEX G 011 X	06/08/2004	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				oxygen		0 - 25 %(v/v)
Regard-1	fixed, control unit	BVS 03 ATEX G 011 X N1	08/06/2005	see BVS 03 ATEX G 011 X		
Regard-1 with sensing head SE Ex PR M	fixed, control unit and remote sensor	BVS 03 ATEX G 011 X N1	08/06/2005	methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide	catalytic combustion	0 - 100 % LEL

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard-1 with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD	fixed, control unit and remote sensor	BVS 03 ATEX G 011 X N2	15/10/2010	ammonia, hydrogen	catalytic combustion	0 - 70 % LEL
				methane, propane, acetone, acetylene, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, 2-butanone, n-butyl acetate, diethyl ether, dimethyl ether, ethanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, methyl methacrylate, n-octane, n-pentane, 2-propanol, propylene, propylene oxyide, n-nonane, toluene, o-xylene		0 - 100 % LEL

Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Regard-1 with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD	fixed, control unit and remote sensor	BVS 03 ATEX G 011 X N3	18/07/2011	see BVS 03 ATEX G 011 X N2		
Regard-1	fixed, control unit	BVS 03 ATEX G 011 X N4	14/05/2012	see BVS 03 ATEX G 011 X and N1 and N2		
Regard-1	fixed, control unit	BVS 03 ATEX G 011 X N5	21/03/2014	see BVS 03 ATEX G 011 X and N1 and N2		

Esders GmbH, 49740 Haselünne, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
SIGI EX(-P)	portable	BVS 05 ATEX E 010 X N3	16/07/2009	methane, propane	catalytic combustion	0 - 50 % LEL
SIGI EX(-P)	portable	BVS 05 ATEX E 010 X N6	15/12/2015	methane, propane	catalytic combustion	0 - 50 % LEL

General Monitors Ltd., Galway, Ireland

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
UXIR	fixed, remote sensor	BVS 15 ATEX E 009 X N1	27/04/2015	methane, propane, ethylene, 2-butanone, acetone, 1,3-butadiene, diethyl ether, ethane, ethanol, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, xylene (mixed isomers), cyclo-pentane, allyl alcohol, I-butylene, I-butane, methanol	infrared absorption	0 - 100 % LEL

Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GMA 101	fixed, control unit	BVS 03 ATEX G 004 X	25/06/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMA 101	fixed, control unit	BVS 03 ATEX G 004 X N1	23/10/2009	see BVS 03 ATEX G 004 X		
GMA 41 (B)	fixed, control unit	BVS 03 ATEX G 005 X	25/06/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMA 41 (B)	fixed, control unit	BVS 03 ATEX G 005 X N1	23/10/2009	see BVS 03 ATEX G 005 X		
GMA 81 (A)	fixed, control unit	BVS 03 ATEX G 006 X	25/06/2003	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
GMA 81 (A)	fixed, control unit	BVS 03 ATEX G 006 X N1	23/10/2009	see BVS 03 ATEX G 006 X		
MWG 243* II	fixed, remote sensor	BVS 03 ATEX G 009 X	10/07/2003	methane, propane, ethanol, n-nonane	catalytic combustion	0 - 100 % LEL

Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
G750 Polytector II	portable, multi gas detector	BVS 03 ATEX G 014 X	16/09/2003	methane, propane	catalytic combustion	0 - 100 % LEL
Microtector G333	portable, multi gas detector	BVS 03 ATEX G 015 X	18/09/2003	methane, propane	catalytic combustion	0 - 100 % LEL
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X	20/06/2005	sensor MK 208-1	catalytic combustion	
				methane, propane, ethylene, n-hexane, n-nonane, acetone, 2-propanol, ethyl acetate, toluene, diethyl ether		0 - 100 % LEL
				ammonia		0 - 4 %(v/v)
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X	20/06/2005	sensor MK 217-1	catalytic combustion	
				methane, propane, hydrogen		0 - 100 % LEL

Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X	20/06/2005	sensor MK 218-1	catalytic combustion	
				methane, propane, ethylene, n-hexane, n-nonane, acetone, 2-propanol, ethyl acetate, toluene, diethyl ether, hydrogen		0 - 100 % LEL
				ammonia		0 - 4 %(v/v)
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N1	13/12/2005	see BVS 05 ATEX G 001 X	catalytic combustion	
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N2	26/11/2010	sensor MK 208-1	catalytic combustion	
				methane, propane, ethylene, n-hexane, n-nonane, acetone, 2-propanol, ethyl acetate, toluene, diethyl ether		0 - 100 % LEL
				ammonia		0 - 4 %(v/v)
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N2	26/11/2010	sensor MK 217-1	catalytic combustion	
				methane, propane, hydrogen		0 - 100 % LEL

Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N3	29/06/2017	sensor MK 208-1	catalytic combustion	
				methane, propane, ethylene, n-hexane, n-nonane, acetone, 2-propanol, ethyl acetate, toluene, diethyl ether		0 - 100 % LEL
				ammonia		0 - 4 %(v/v)
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N3	29/06/2017	sensor MK 217-1	catalytic combustion	
				methane, propane, hydrogen		0 - 100 % LEL
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N4	26/10/2022	sensor MK 208-1	catalytic combustion	
				methane, propane, n-nonane, 2-propanol		0 - 100 % LEL
				ammonia		0 - 4 %(v/v)
CC28*	fixed, remote sensor	BVS 05 ATEX G 001 X N4	26/10/2022	sensor MK 217-1	catalytic combustion	
				methane, propane, hydrogen		0 - 100 % LEL

Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
G450	portable, multi gas detector	BVS 06 ATEX E 017 X N4	30/11/2009	methane, propane, n-hexane	catalytic combustion	0 - 100 % LEL
G460	portable, multi gas detector	BVS 06 ATEX E 017 X N4	30/11/2009	methane, propane, n-hexane	catalytic combustion	0 - 100 % LEL
				Propane	infrared absorption	0 - 100 % LEL
				n-nonane	infrared absorption	0 - 60 % LEL
G460	portable, multi gas detector	BVS 06 ATEX E 017 X N7	03/08/2012	Methane (mining)	catalytic combustion	0 - 5 %(v/v)
GMA200	fixed, control unit	BVS 19 ATEX G 001 X	13/05/2019	flammable gases according to used transmitter		
GMA200	fixed, control unit	BVS 19 ATEX G 001 X	13/05/2019	oxygen according to used transmitter		
GMA200	fixed, control unit	BVS 19 ATEX G 001 X N1	28/04/2021	see BVS 19 ATEX G 001 X		

Hermann Sewerin GmbH, 33334 Gütersloh, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TEC Combi	portable, multi gas detector	DMT 01 ATEX G 002	15/01/2002	methane	catalytic combustion	0 - 100 % LEL
EX-TEC Combi	portable, multi gas detector	DMT 01 ATEX G 002 N1	01/09/2003	methane, propane	catalytic combustion	0 - 100 % LEL
EX-TEC HS 650, EX-TEC HS 680	portable, multi gas detector	BVS 09 ATEX G 001 X	09/02/2009	methane, propane	infrared absorption	0 - 100 % LEL
EX-TEC HS 650, EX-TEC HS 680	portable, multi gas detector	BVS 09 ATEX G 001 X N1	15/10/2010	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
EX-TEC HS 650, EX-TEC HS 680	portable, multi gas detector	BVS 09 ATEX G 001 X N4	15/04/2013	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
EX-TEC HS 650, EX-TEC HS 680	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
Multitec 520	portable, multi gas detector	BVS 09 ATEX G 001 X	09/02/2009	methane, propane, n-nonane	infrared absorption	0 - 100 % LEL

Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Multitec 520	portable, multi gas detector	BVS 09 ATEX G 001 X N1	15/10/2010	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
Multitec 520	portable, multi gas detector	BVS 09 ATEX G 001 X N4	15/04/2013	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
Multitec 520	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X	infrared absorption	0 - 100 % LEL
Variotec 450 Ex, Variotec 480 Ex	portable, multi gas detector	BVS 09 ATEX G 001 X N1	15/10/2010	methane, propane	catalytic combustion	0 - 100 % LEL
Variotec 450 Ex, Variotec 480 Ex	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X N1	catalytic combustion	0 - 100 % LEL
EX-TEC GA 650, EX-TEC GA 680	portable, multi gas detector	BVS 09 ATEX G 001 X N2	29/07/2011	methane, propane	infrared absorption	0 - 100 % LEL
EX-TEC GA 650, EX-TEC GA 680	portable, multi gas detector	BVS 09 ATEX G 001 X N4	15/04/2013	see BVS 09 ATEX G 001 X N2	infrared absorption	0 - 100 % LEL

Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TEC GA 650, EX-TEC GA 680	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X N2	infrared absorption	0 - 100 % LEL
Multitec 560	portable, multi gas detector	BVS 09 ATEX G 001 X N3	30/09/2011	methane	infrared absorption	0 - 100 % LEL
Multitec 560	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X N3	infrared absorption	0 - 100 % LEL
Multitec 410	portable, multi gas detector	BVS 09 ATEX G 001 X N4	15/04/2013	methane, propane, n-nonane	catalytic combustion	0 - 100 % LEL
Multitec 410	portable, multi gas detector	BVS 09 ATEX G 001 X N5	19/04/2016	see BVS 09 ATEX G 001 X N4	catalytic combustion	0 - 100 % LEL
EX-TEC PM 4	portable	BVS 09 ATEX G 002 X	02/03/2009	methane, propane	catalytic combustion	0 - 100 % LEL
EX-TEC PM 4	portable	BVS 09 ATEX G 002 X N1	04/09/2009	n-nonane	catalytic combustion	0 - 100 % LEL

Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TEC PM 400	portable	BVS 19 ATEX G 002 X	06/12/2019	methane, propane, n-nonane	catalytic combustion	0 - 100 % LEL
EX-TEC PM 500	portable	BVS 19 ATEX G 002 X	06/12/2019	methane, propane	infrared absorption	0 - 100 % LEL
EX-TEC PM 550	portable	BVS 19 ATEX G 002 X	06/12/2019	methane, propane	infrared absorption	0 - 100 % LEL
EX-TEC PM 580	portable	BVS 19 ATEX G 002 X	06/12/2019	methane, propane	infrared absorption	0 - 100 % LEL
EX-TEC PM 400	portable	BVS 19 ATEX G 002 X N1	16/12/2020	see BVS 19 ATEX G 002 X	catalytic combustion	0 - 100 % LEL
EX-TEC PM 500	portable	BVS 19 ATEX G 002 X N1	16/12/2020	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 550	portable	BVS 19 ATEX G 002 X N1	16/12/2020	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 580	portable	BVS 19 ATEX G 002 X N1	16/12/2020	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 400	portable	BVS 19 ATEX G 002 X N2	26/11/2021	see BVS 19 ATEX G 002 X	catalytic combustion	0 - 100 % LEL
EX-TEC PM 500	portable	BVS 19 ATEX G 002 X N2	26/11/2021	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL

Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TEC PM 550	portable	BVS 19 ATEX G 002 X N2	26/11/2021	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 580	portable	BVS 19 ATEX G 002 X N2	26/11/2021	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 400	portable	BVS 19 ATEX G 002 X I01	15/05/2024	see BVS 19 ATEX G 002 X	catalytic combustion	0 - 100 % LEL
EX-TEC PM 500	portable	BVS 19 ATEX G 002 X I01	15/05/2024	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 550	portable	BVS 19 ATEX G 002 X I01	15/05/2024	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL
EX-TEC PM 580	portable	BVS 19 ATEX G 002 X I01	15/05/2024	see BVS 19 ATEX G 002 X	infrared absorption	0 - 100 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
impact, impact pro	portable, multi gas detector	DMT 02 ATEX G 001	20/05/2003	methane, propane	catalytic combustion	0 - 100 % LEL
impact, impact pro	portable, multi gas detector	DMT 02 ATEX G 001 N1	09/12/2003	see DMT 02 ATEX G 001	catalytic combustion	0 - 100 % LEL
impact, impact pro	portable, multi gas detector	DMT 02 ATEX G 001 N2	19/05/2004	see DMT 02 ATEX G 001	catalytic combustion	0 - 100 % LEL
impact, impact pro	portable, multi gas detector	DMT 02 ATEX G 001 N3	11/11/2011	see DMT 02 ATEX G 001	catalytic combustion	0 - 100 % LEL
APEX	fixed, remote sensor	BVS 03 ATEX G 012 X	28/11/2003	methane, propane	catalytic combustion	0 - 100 % LEL
APEX	fixed, remote sensor	BVS 03 ATEX G 012 X N1	11/05/2004	see BVS 03 ATEX G 012 X	catalytic combustion	0 - 100 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
system 57 with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 04 ATEX G 001 X	13/08/2004	hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol	catalytic combustion	0 - 100 % LEL
system 57	fixed, control unit	BVS 04 ATEX G 001 X	13/08/2004	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 %(v/v)
system 57 with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 04 ATEX G 001 X N1	23/02/2010	see BVS 04 ATEX G 001 X	catalytic combustion	0 - 100 % LEL
system 57	fixed, control unit	BVS 04 ATEX G 001 X N1	23/02/2010	see BVS 04 ATEX G 001 X	not applicable	
system 57 with remote sensor sensepoint PPM	fixed, control unit and remote sensor	BVS 04 ATEX G 001 X N2	12/04/2012	Methan, Ethen	catalytic combustion	0 - 10 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima Plus	fixed, remote sensor	BVS 03 ATEX G 016 X	05/09/2006	methane, propane, n-butane, propene, acetone, 1-butanol, n-butyl acetate, 2-butanone, cyclohexanone, ethanol, ethyl acetate, n-heptane, n-hexane, 2-propanol, methanol, toluene, o-xylene, Benzin 60/95, p-xylene, 1-methoxy-2-propanol, Benzin 80/110, dimethyl ether, 1-ethoxy-2-propanol, ethene	infrared absorption	0 - 100 % LEL
				propane		0 - 5000 ppm
				propane		0 - 10000 ppm
Optima Z	fixed, remote sensor	BVS 03 ATEX G 016 X N1	24/03/2011	ethanol, ethyl acetate, propane, ethylene, 2-propanol, 2-butanone, 1-butanol, acetone, n-hexane, 1-butyl acetate	infrared absorption	0 - 100 % LEL
				toluene, mineral spirit 60/95, o-xylene		0 - 70 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima Plus	fixed, remote sensor	BVS 03 ATEX G 016 X N2	06/07/2011	see BVS 03 ATEX G 016 X		
Optima X	fixed, remote sensor	BVS 03 ATEX G 016 X N3	13/09/2011	Propan	infrared absorption	0 - 100 % LEL
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N4	03/08/2012	see BVS 03 ATEX G 016 X		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N5	24/01/2013	see BVS 03 ATEX G 016 X		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N6	28/10/2013	see BVS 03 ATEX G 016 X		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N7	14/07/2014	see BVS 03 ATEX G 016 X		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N8	19/11/2014	see BVS 03 ATEX G 016 X		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N9	05/03/2015	1,2-dichloroethane	infrared absorption	0 - 100 % LEL
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N10	10/11/2015	see BVS 03 ATEX G 016 X and N9		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N11	29/07/2016	see BVS 03 ATEX G 016 X and N9		
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N12	21/09/2021	see BVS 03 ATEX G 016 X and N9		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima Plus with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X Issue 01	23/01/2025	see BVS 03 ATEX G 016 X and N9		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N4	03/08/2012	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N5	24/01/2013	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N6	28/10/2013	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N7	14/07/2014	see BVS 03 ATEX G 016 X N1		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N8	19/11/2014	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N10	10/11/2015	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N11	29/07/2016	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N12	21/09/2021	see BVS 03 ATEX G 016 X N1		
Searchpoint Optima Z with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X Issue 01	23/01/2025	see BVS 03 ATEX G 016 X N1		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N5	24/01/2013	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N6	28/10/2013	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N7	14/07/2014	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N8	19/11/2014	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N10	10/11/2015	see BVS 03 ATEX G 016 X N3		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N11	29/07/2016	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X N12	21/09/2021	see BVS 03 ATEX G 016 X N3		
Searchpoint Optima X with optional HART interface	fixed, remote sensor	BVS 03 ATEX G 016 X Issue 01	23/01/2025	see BVS 03 ATEX G 016 X N3		
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X	21/11/2016	hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol	catalytic combustion	0 - 100 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X	21/11/2016	methane, propane, n-butane, n-nonane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X	21/11/2016	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X	21/11/2016	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X	21/11/2016	oxygen according to used transmitter		
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N1	22/11/2019	see BVS 16 ATEX G 002 X		
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N1	22/11/2019	see BVS 16 ATEX G 002 X		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N1	22/11/2019	see BVS 16 ATEX G 002 X		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N1	22/11/2019	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N1	22/11/2019	oxygen according to used transmitter		
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N2	01/12/2020	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N2	01/12/2020	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N2	01/12/2020	methane, ethylene	catalytic combustion	0 - 10 % LEL

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N2	01/12/2020	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N2	01/12/2020	oxygen according to used transmitter		
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N3	08/02/2022	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N3	08/02/2022	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X N3	08/02/2022	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N3	08/02/2022	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X N3	08/02/2022	oxygen according to used transmitter		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I01	20/08/2024	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I01	20/08/2024	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I01	20/08/2024	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X I01	20/08/2024	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X I01	20/08/2024	oxygen according to used transmitter		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Pro with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I02	29/05/2026	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I02	29/05/2026	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Pro with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 16 ATEX G 002 X I02	29/05/2026	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X I02	29/05/2026	flammable gases according to used transmitter		
Touchpoint Pro	fixed, control unit	BVS 16 ATEX G 002 X I02	29/05/2026	oxygen according to used transmitter		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Plus 19" Rack with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X	18/01/2021	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Plus 19" Rack with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X	18/01/2021	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Plus 19" Rack with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X	18/01/2021	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Plus 19" Rack	fixed, control unit	BVS 20 ATEX G 001 X	18/01/2021	flammable gases according to used transmitter		
Touchpoint Plus 19" Rack with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X N1	16/12/2022	see BVS 20 ATEX G 001 X		

Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Plus 19" Rack with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X N1	16/12/2022	see BVS 20 ATEX G 001 X		
Touchpoint Plus 19" Rack with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 20 ATEX G 001 X N1	16/12/2022	see BVS 20 ATEX G 001 X		
Touchpoint Plus 19" Rack	fixed, control unit	BVS 20 ATEX G 001 X N1	16/12/2022	flammable gases according to used transmitter		

Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
XNX (with sensor MPD AMCB1)	fixed, remote sensor	BVS 10 ATEX G 001 X	29/09/2011	methane, propane, n-butane, n-nonane, hydrogen	catalytic combustion	0 - 100 % LEL
XNX (with sensor Sensepoint HT)	fixed, remote sensor	BVS 10 ATEX G 001 X	29/09/2011	methane, propane, n-butane, n-nonane, hydrogen	catalytic combustion	0 - 100 % LEL
XNX (with sensor Optima Plus)	fixed, remote sensor	BVS 10 ATEX G 001 X	29/09/2011	see BVS 03 ATEX G 016 X	infrared absorption	
XNX (with sensor MPD AMCB1)	fixed, remote sensor	BVS 10 ATEX G 001 X N1	05/10/2017	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint HT)	fixed, remote sensor	BVS 10 ATEX G 001 X N1	05/10/2017	see BVS 10 ATEX G 001 X		
XNX (with sensor Optima Plus)	fixed, remote sensor	BVS 10 ATEX G 001 X N1	05/10/2017	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint combustible PPM)	fixed, remote sensor	BVS 10 ATEX G 001 X N1	05/10/2017	methane, ethylene, n-butane, i-butylene	catalytic combustion	0 - 10 % LEL

Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
XNX (with sensor MPD AMCB1)	fixed, remote sensor	BVS 10 ATEX G 001 X N2	27/09/2019	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint HT)	fixed, remote sensor	BVS 10 ATEX G 001 X N2	27/09/2019	see BVS 10 ATEX G 001 X		
XNX (with sensor Optima Plus)	fixed, remote sensor	BVS 10 ATEX G 001 X N2	27/09/2019	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint combustible PPM)	fixed, remote sensor	BVS 10 ATEX G 001 X N2	27/09/2019	see BVS 10 ATEX G 001 X N1		
XNX (with sensor MPD AMCB1)	fixed, remote sensor	BVS 10 ATEX G 001 X N3	13/12/2021	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint HT)	fixed, remote sensor	BVS 10 ATEX G 001 X N3	13/12/2021	see BVS 10 ATEX G 001 X		
XNX (with sensor Optima Plus)	fixed, remote sensor	BVS 10 ATEX G 001 X N3	13/12/2021	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint combustible PPM)	fixed, remote sensor	BVS 10 ATEX G 001 X N3	13/12/2021	see BVS 10 ATEX G 001 X N1		

Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
XNX (with sensor MPD AMCB1)	fixed, remote sensor	BVS 10 ATEX G 001 X Issue01	24/06/2025	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint HT)	fixed, remote sensor	BVS 10 ATEX G 001 X Issue01	24/06/2025	see BVS 10 ATEX G 001 X		
XNX (with sensor Optima Plus)	fixed, remote sensor	BVS 10 ATEX G 001 X Issue01	24/06/2025	see BVS 10 ATEX G 001 X		
XNX (with sensor Sensepoint combustible PPM)	fixed, remote sensor	BVS 10 ATEX G 001 X Issue01	24/06/2025	see BVS 10 ATEX G 001 X N1		

Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea

equipment	type	certificate	Date	gases/vapours	measuring principle	measuring range
Touchpoint Plus with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X	06/02/2019	methane, ethylene	catalytic combustion	0 - 10 % LEL
Touchpoint Plus with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X	06/02/2019	hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol	catalytic combustion	0 - 100 % LEL
Touchpoint Plus with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X	06/02/2019	methane, propane, n-butane, n-nonane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Plus	fixed, control unit	BVS 17 ATEX G 001 X	06/02/2019	flammable gases according to used transmitter		
Touchpoint Plus with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N1	01/12/2020	methane, ethylene	catalytic combustion	0 - 10 % LEL

Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Plus with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N1	01/12/2020	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Plus with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N1	01/12/2020	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Touchpoint Plus	fixed, control unit	BVS 17 ATEX G 001 X N1	01/12/2020	flammable gases according to used transmitter		
Touchpoint Plus with remote sensor sensepoint ppm	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N2	16/12/2022	see BVS 17 ATEX G 001 X N1		
Touchpoint Plus with remote sensor sensepoint	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N2	16/12/2022	see BVS 17 ATEX G 001 X N1	catalytic combustion	0 - 100 % LEL
Touchpoint Plus with remote sensor sensepoint HT	fixed, control unit and remote sensor	BVS 17 ATEX G 001 X N2	16/12/2022	see BVS 17 ATEX G 001 X N1	catalytic combustion	0 - 100 % LEL

Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Touchpoint Plus	fixed, control unit	BVS 17 ATEX G 001 X N2	16/12/2022	flammable gases according to used transmitter		

MSA EUROPE GmbH, 8645 Jona, Switzerland

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ex-Trans S 100 ia	fixed	DMT 99 ATEX E 009	12/08/1999	methane (mining)	catalytic combustion	0 - 3 %(v/v)
Ex-Trans S 100 ia	fixed	DMT 99 ATEX E 009 N1	19/10/2006	see DMT 99 ATEX E 009	catalytic combustion	0 - 3 %(v/v)
Ex- (Ox-) Meter II (P)	portable, multi gas detector	DMT 99 ATEX G 001 X	17/12/1999	methane	catalytic combustion	0 - 100 % LEL
					thermal conductivity (P only)	0 - 100 %(v/v)
				propane	catalytic combustion	0 - 100 % LEL
					thermal conductivity (P only)	0 - 100 %(v/v)
				n-nonane	catalytic combustion	0 - 100 % LEL
				jet fuel	catalytic combustion	0 - 50 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Ex-Meter II (P) mining	portable	DMT 99 ATEX G 001 X N1	18/12/2001	methane	catalytic combustion	0 - 5 %(v/v)
					thermal conductivity (P only)	0 - 100 %(v/v)

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ex-Meter II (P) mining	portable	DMT 99 ATEX G 001 X N2	26/06/2003	methane	catalytic combustion	0 - 5 %(v/v)
					thermal conductivity (P only)	0 - 100 %(v/v)
Ex- (Ox-) Meter II (P) (mining)	portable	DMT 99 ATEX G 001 X N3	11/02/2008	see DMT 99 ATEX G 001 X and N1		
Ex-Alarm ED 090 SMD with remote sensor D-7010 or D-7100	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X	27/11/2001	methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane	catalytic combustion	0 - 10 % LEL 0 - 100 % LEL
				xylene (isomer mixture)	catalytic combustion	0 - 20 % LEL 0 - 100 % LEL
Ex-Alarm ED 090 SMD with remote sensor series 47 K-ST	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X N1	30/09/2004	methane, propane	catalytic combustion	0 - 100 % LEL
Ex-Alarm ED 090 SMD with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X N2	08/11/2004	methane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ex-Alarm ED 090 SMD	fixed, control unit	DMT 01 ATEX G 001 X N3	03/03/2006	see DMT 01 ATEX G 001 X and N1, N2	catalytic combustion	0 - 100 % LEL
Ex-Alarm ED 090 SMD with remote sensor series 47 K-ST	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X N4	19/05/2006	2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene, oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ex-Alarm ED 090 SMD with remote sensor series 47 K-HT	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X N5	05/07/2006	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene	catalytic combustion	0 - 100 % LEL
Ex-Alarm ED 090 SMD with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 01 ATEX G 001 X N6	26/03/2007	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL
Titan	portable	DMT 01 ATEX E 054 X N1	05/12/2002	methane, propane, hydrogen, n-pentane	catalytic combustion	0 - 100 % LEL
Titan	portable	DMT 01 ATEX E 054 X N3	06/12/2007	see DMT 03 ATEX E 054 X N1		
Suprema with remote sensor D-7010 or D-7100	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X	16/05/2003	methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane	catalytic combustion	0 - 10 % LEL 0 - 100 % LEL
				xylene (isomer mixture)	catalytic combustion	0 - 20 % LEL 0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Suprema	fixed, control unit	DMT 03 ATEX G 003 X	16/05/2003	combustible gases according to used remote sensor	not applicable	0 - 10 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 %(v/v)
				oxygen	not applicable	0 - 25 %(v/v)
Suprema with remote sensors D-715K, D-7152K, D-7711K, D-7711K-PR	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N1	19/12/2003	methane, ethane, propane, toluene, ethanol, acetone, hydrogen	catalytic combustion	0 - 100 % LEL
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N2	09/08/2004	see DMT 03 ATEX G 003 X and N1		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

Suprema with remote sensor series 47 K-ST	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N3	30/09/2004	methane, propane	catalytic combustion	0 - 100 % LEL
Suprema with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N4	08/11/2004	methane	catalytic combustion	0 - 100 % LEL
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N5	04/04/2005	see DMT 03 ATEX G 003 X and N1 to N4		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N6	11/11/2005	see DMT 03 ATEX G 003 X and N1 to N4		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Suprema with remote sensor series 47 K-ST	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N7	19/05/2006	2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene, oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL
Suprema with remote sensor series 47 K-HT	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N8	05/07/2006	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N9	22/12/2006	see DMT 03 ATEX G 003 X and N1 to N4 and N7, N8		
Suprema with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N10	26/03/2007	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N11	25/10/2007	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N12	02/10/2008	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N13	19/02/2009	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N14	02/11/2009	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N15	22/06/2011	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N16	14/12/2011	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N17	14/12/2011	see DMT 03 ATEX G 003 X N3, N7, N8, N10	catalytic combustion	0 - 100 % LEL
Suprema with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N18	13/03/2013	methane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N19	24/10/2013	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18		
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N20	17/03/2014	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18		
Suprema with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N21	23/06/2014	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
Suprema	fixed, control unit	DMT 03 ATEX G 003 X N22	09/02/2015	see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18, N21		
SUPREMA with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N23	19/04/2017	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
SUPREMA with remote sensor series 47 K-HT	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N23	19/04/2017	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene	catalytic combustion	0 - 100 % LEL
SUPREMA with remote sensor series 47 K-ST	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N23	19/04/2017	methane, propane, 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene, oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
SUPREMA with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N23	19/04/2017	methane	catalytic combustion	0 - 100 % LEL
SUPREMA	fixed, control unit	DMT 03 ATEX G 003 X N23	19/04/2017	combustible gases according to used transmitter		
SUPREMA	fixed, control unit	DMT 03 ATEX G 003 X N23	19/04/2017	oxygen according to used transmitter		
SUPREMA with remote sensor series 47 K-ST, 47 K-PRP, 47 K-HT 47 K-HT-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N24	05/12/2017	see DMT 03 ATEX G 003 X N23		
SUPREMA	fixed, control unit	DMT 03 ATEX G 003 X N24	05/12/2017	see DMT 03 ATEX G 003 X N23		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
SUPREMA with remote sensor series 47 K-ST, 47 K-PRP, 47 K-HT 47 K-HT-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N25	14/06/2018	see DMT 03 ATEX G 003 X N23		
SUPREMA	fixed, control unit	DMT 03 ATEX G 003 X N25	14/06/2018	see DMT 03 ATEX G 003 X N23		
SUPREMA with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X N26	27/09/2022	methane, propane, acetone, FAM-Benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-Ethoxy-2-propanol, n-nonane, 1-Propanol, 2-Propanol, propene, toluene, hydrogen	catalytic combustion	0 - 100 % LEL
SUPREMA	fixed, control unit	DMT 03 ATEX G 003 X N26	27/09/2022	combustible gases or oxygen according to used transmitter		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
SUPREMA with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	DMT 03 ATEX G 003 X issue 01	23/05/2023	methane, propane	catalytic combustion	0 - 100 % LEL
DF-9500 O2	fixed, remote sensor	DMT 01 ATEX E 152 X N2	24/11/2003	oxygen	electrochemical sensor	0 - 10 %(v/v)
DF-9500 O2	fixed, remote sensor	DMT 01 ATEX E 152 X N4	22/12/2006	oxygen	electrochemical sensor	0 - 10 %(v/v)
DF-9500 O2	fixed, remote sensor	DMT 01 ATEX E 152 X N5	22/12/2006	oxygen	electrochemical sensor	0 - 10 %(v/v)
EX-TOX Alarm 290 with remote sensor D-7010 or D-7100	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X	01/03/2004	methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane	catalytic combustion	0 - 10 % LEL 0 - 100 % LEL
				xylene (isomer mixture)	catalytic combustion	0 - 20 % LEL 0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TOX Alarm 290 with remote sensors D-715K, D-7152K, D-7711K, D-7711K-PR	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X	01/03/2004	methane, ethane, propane, toluene, ethanol, acetone, hydrogen	catalytic combustion	0 - 100 % LEL
EX-TOX Alarm 290	fixed, control unit	BVS 03 ATEX G 010 X	01/03/2004	combustible gases according to used remote sensor	not applicable	0 - 10 % LEL 0 - 20 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 %(v/v)
				oxygen	not applicable	0 - 30 %(v/v)
EX-TOX Alarm 290 with remote sensor series 47 K-ST	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X N1	30/09/2004	methane, propane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TOX Alarm 290 with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X N2	08/11/2004	methane	catalytic combustion	0 - 100 % LEL
EX-TOX Alarm 290	fixed, control unit	BVS 03 ATEX G 010 X N3	03/03/2006	see BVS 03 ATEX G 010 X and N1, N2		
EX-TOX Alarm 290 with remote sensor series 47 K-ST	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X N4	19/05/2006	2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EX-TOX Alarm 290 with remote sensor series 47 K-HT	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X N5	05/07/2006	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene	catalytic combustion	0 - 100 % LEL
EX-TOX Alarm 290 with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 03 ATEX G 010 X N6	26/03/2007	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL
DF-7010, DF-7100	fixed, remote sensor	DMT 99 ATEX E 023 X N3	09/06/2004	methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane	catalytic combustion	0 - 10 % LEL 0 - 100 % LEL
				xylene (isomer mixture)	catalytic combustion	0 - 20 % LEL 0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Orion Plus	portable, multi gas detector	BVS 03 ATEX E 270 X N1	13/08/2004	methane, propane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion Plus	portable, multi gas detector	BVS 03 ATEX E 270 X N4	10/08/2006	methane, propane	catalytic combustion	0 - 100 % LEL
				propane, butane	infrared absorption	0 - 25 %(v/v)
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion Plus	portable, multi gas detector	BVS 03 ATEX E 270 X N5	28/09/2006	methane	infrared absorption	0 - 100 %(v/v)
Orion Plus	portable, multi gas detector	BVS 03 ATEX E 270 X N6	09/03/2009	see BVS 03 ATEX E 270 X N1, N4 and N5		
Orion Plus	portable, multi gas detector	BVS 03 ATEX E 270 X N7	30/09/2009	methane, propane	catalytic combustion	0 - 100 % LEL
				propane, n-butane	infrared absorption	0 - 100 % LEL
				methane	infrared absorption	0 - 25 %(v/v)

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PrimaX I	fixed, remote sensor	BVS 10 ATEX E 009 X N3	10/04/2012	oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X N3	10/04/2012	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X N4	25/09/2012	see BVS 10 ATEX E 009 X N3		
PrimaX I	fixed, remote sensor	BVS 10 ATEX E 009 X N5	25/03/2013	oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X N5	25/03/2013	oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PrimaX I	fixed, remote sensor	BVS 10 ATEX E 009 X N8	31/01/2014	see BVS 10 ATEX E 009 X N3		
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X N8	31/01/2014	methane, propane, hydrogen	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX I	fixed, remote sensor	BVS 10 ATEX E 009 X N10	21/12/2022	oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X N10	21/12/2022	methane, propane, acetone, FAM-benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-ethoxy-2-propanol, n-nonane, 1-propanol, 2-propanol, propene, toluene, hydrogen	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PrimaX I	fixed, remote sensor	BVS 10 ATEX E 009 X Issue 02	22/10/2025	oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)
PrimaX P	fixed, remote sensor	BVS 10 ATEX E 009 X Issue 02	22/10/2025	methane, propane, acetone, FAM-benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-ethoxy-2-propanol, n-nonane, 1-propanol, 2-propanol, propene, toluene, hydrogen	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
9010 SIL and 9020 SIL with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X	07/11/2016	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with remote sensor series 47 K-HT	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X	07/11/2016	methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X	07/11/2016	methane	catalytic combustion	0 - 100 % LEL

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
9010 SIL and 9020 SIL with remote sensor series 47 K-ST	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X	07/11/2016	methane, propane, 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with transmitters	fixed, control unit	BVS 16 ATEX G 001 X	07/11/2016	combustible gases or oxygen according to used transmitter		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
9010 SIL and 9020 SIL with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X N1	22/06/2022	methane, propane	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with transmitters	fixed, control unit	BVS 16 ATEX G 001 X N1	22/06/2022	combustible gases or oxygen according to used transmitter		
9010 SIL and 9020 SIL with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X N2	10/10/2022	methane, propane, acetone, FAM-benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-ethoxy-2-propanol, n-nonane, 1-propanol, 2-propanol, propene, toluene, hydrogen	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with transmitters	fixed, control unit	BVS 16 ATEX G 001 X N2	10/10/2022	combustible gases or oxygen according to used transmitter		
9010 SIL and 9020 SIL with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X issue 01	25/05/2023	see BVS 16 ATEX G 001 X N2		

MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X issue 01	25/05/2023	methane, propane	catalytic combustion	0 - 100 % LEL
9010 SIL and 9020 SIL with transmitters	fixed, control unit	BVS 16 ATEX G 001 X issue 01	25/05/2023	combustible gases or oxygen according to used transmitter		
9010 SIL and 9020 SIL with remote sensor series 47 K-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X issue 02	14/11/2023	see BVS 16 ATEX G 001 X N2		
9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP	fixed, control unit and remote sensor	BVS 16 ATEX G 001 X issue 02	14/11/2023	see BVS 16 ATEX G 001 X issue 01		
9010 SIL and 9020 SIL with transmitters	fixed, control unit	BVS 16 ATEX G 001 X issue 02	14/11/2023	combustible gases or oxygen according to used transmitter		

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Orion	portable, multi gas detector	DMT 01 ATEX E 001 X N3	28/02/2003	propane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion	portable, multi gas detector	DMT 01 ATEX E 001 X N5	17/04/2003	methane, n-pentane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion	portable, multi gas detector	DMT 01 ATEX E 001 X N6	15/01/2004	methane, propane, n-pentane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion	portable, multi gas detector	DMT 01 ATEX E 001 X N7	20/04/2004	methane, propane, n-pentane	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
Orion	portable, multi gas detector	DMT 01 ATEX E 001 N9	09/03/2009	see DMT 01 ATEX E 001 N7		
Passport FiveStar	portable, multi gas detector	BVS 03 ATEX G 017	16/01/2004	methane, propane, n-pentane	catalytic combustion	0 - 100 % LEL

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N3	23/11/2004	methane, propane, n-pentane	catalytic combustion	0 - 100 % LEL
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N3	23/11/2004	oxygen	electrochemical sensor	0 - 10 %(v/v)
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N5	29/03/2005	see DMT 02 ATEX E 202 X N3		
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N7	25/04/2006	see DMT 02 ATEX E 202 X N3		
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N9	03/07/2006	2-butanone, acetone, acetylene, 1,3-butadiene, diethyl ether, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, n-butane, n-hexane, n-pentane, 2-propanol, propylene, propylene oxide, hydrogen, cyclopentane, allyl alcohol, I-butylene, I-butane, methanol, cyclohexane	catalytic combustion	0 - 100 % LEL

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N10	03/07/2006	oxygen	electrochemical sensor	0 - 10 %(v/v)
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N11	28/10/2008	see DMT 02 ATEX E 202 X N3 and N9		
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N12	02/05/2011	see DMT 02 ATEX E 202 X N3 and N9		
Ultima XE	fixed, remote sensor	DMT 02 ATEX E 202 X N15	21/04/2015	see DMT 02 ATEX E 202 X N3 and N9		
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N3	23/11/2004	methane, propane, ethylene, n-pentane	infrared absorption	0 - 100 % LEL
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N5	29/03/2005	see DMT 02 ATEX E 202 X N3		
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N7	25/04/2006	see DMT 02 ATEX E 202 X N3		

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N9	03/07/2006	2-butanone, acetone, 1,3-butadiene, diethyl ether, ethane, ethanol, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, xylene (mixed isomers), cyclo-pentane, allyl alcohol, I-butylene, I-butane, methanol	infrared absorption	0 - 100 % LEL
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N11	28/10/2008	see DMT 02 ATEX E 202 X N3 and N9		
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N12	02/05/2011	see DMT 02 ATEX E 202 X N3 and N9		
Ultima XIR	fixed, remote sensor	DMT 02 ATEX E 202 X N15	21/04/2015	see DMT 02 ATEX E 202 X N3 and N9		

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Ultima XI	fixed, remote sensor	DMT 02 ATEX E 202 X N6	25/04/2006	methane, propane, ethylene, n-pentane	infrared absorption	0 - 100 % LEL
Ultima XI	fixed, remote sensor	DMT 02 ATEX E 202 X N9	03/07/2006	2-butanone, acetone, 1,3-butadiene, diethyl ether, ethane, ethanol, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, xylene (mixed isomers), cyclo-pentane, allyl alcohol, I-butylene, I-butane, methanol	infrared absorption	0 - 100 % LEL
Ultima XI	fixed, remote sensor	DMT 02 ATEX E 202 X N11	28/10/2008	see DMT 02 ATEX E 202 X N6 and N9		
Ultima XI	fixed, remote sensor	DMT 02 ATEX E 202 X N12	02/05/2011	see DMT 02 ATEX E 202 X N6 and N9		

Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PrimaX IR	fixed, remote sensor	BVS 10 ATEX E 157 X N2	15/07/2013	methane, propane	infrared absorption	0 - 100 % LEL
PrimaX IR	fixed, remote sensor	BVS 10 ATEX E 157 X N3	27/01/2014	ethane, n-butane, n-pentane, n-hexane, propylene, propylene oxide, acetone, cyclopentane, ethyl acetate	infrared absorption	0 - 100 % LEL
				i-butane		0 - 70 % LEL
				toluene		0 - 50 % LEL
PrimaX IR	fixed, remote sensor	BVS 10 ATEX E 157 X N5	19/04/2016	see BVS 10 ATEX E 157 X N2 and N9		

M&C TechGroup Germany GmbH, 40885 Ratingen, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PMA 30, PMA 50 EX	fixed	BVS 18 ATEX G 001 X	18/12/2018	oxygen	paramagnetic	0 - 1 %, 0 - 3 % 0 - 10 % 0 - 25 %

MSR-Electronic GmbH, 94060 Pocking, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
PolyXeta 2	fixed, remote sensor	BVS 15 ATEX E 129 X N3	06/09/2021	methane, propane, n-hexane, hydrogen, 2-propanol	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
PolyXeta 2	fixed, remote sensor	BVS 15 ATEX E 129 X issue 01	06/02/2024	see BVS 15 ATEX E 129 X N3		

Ntron Ltd., Navan, C15 VFO2, Ireland

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
FGD-50Z-1-.-…..-..-.. with sensor head FGD-50-..-…..-..	fixed, remote sensor	BVS 25 ATEX E 033 X issue 00	10/02/2026	methane, propane, n-hexane, hydrogen, 2-propanol	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)
FGD-50Z-1-.-…..-..-.. with sensor head FGD-50-..-…..-..	fixed, remote sensor	BVS 25 ATEX E 033 X issue 00	25/03/2026	methane, propane, n-hexane, hydrogen, 2-propanol	catalytic combustion	0 - 100 % LEL
				oxygen	electrochemical sensor	0 - 25 %(v/v)

Oldham S.A.S., Arras, BP417, France

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
MX 62	fixed, control unit	BVS 07 ATEX G 001 X	08/04/2008	combustible gases and oxygen according to used remote sensor	not applicable	
MX 62	fixed, control unit	BVS 07 ATEX G 001 X N1	26/02/2013	see BVS 07 ATEX G 001 X	not applicable	

Oldham - Winter GmbH, 44319 Dortmund, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
WinPro	fixed, control unit	BVS 03 ATEX G 002 X	31/07/2003	combustible gases according to used remote sensor	not applicable	0 - 20 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 %(v/v)
				oxygen	not applicable	0 - 10 %(v/v)
WinPro	fixed, control unit	BVS 03 ATEX G 002 X N1	19/12/2005	see BVS 03 ATEX G 002 X	not applicable	
WinPro	fixed, control unit	BVS 03 ATEX G 002 X N2	24/08/2006	see BVS 03 ATEX G 002 X	not applicable	
WinPro	fixed, control unit	BVS 03 ATEX G 002 X N3	23/10/2007	see BVS 03 ATEX G 002 X	not applicable	
WinPro	fixed, control unit	BVS 03 ATEX G 002 X N4	24/02/2012	see BVS 03 ATEX G 002 X	not applicable	

Oldham - Winter GmbH, 44319 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
TBGW-Ex	fixed, remote sensor	BVS 03 ATEX E 101	12/08/2003	sensor type 1	catalytic combustion	
				methane, propane, n-butane, n-hexane		0 - 100 % LEL
				acetone, cyclohexane		0 - 70 % LEL
				hydrogen		0 - 50 % LEL
TBGW-Ex	fixed, remote sensor	BVS 03 ATEX E 101	12/08/2003	sensor type 2	catalytic combustion	
				methane, propane, acetone, acetylene, n-butane, ethyl acetate, n-hexane, toluene, hydrogen		0 - 100 % LEL
				2-propanol, cyclohexane		0 - 70 % LEL
				n- nonane		0 - 60 % LEL
				diethyl ether		0 - 50 % LEL
				ammonia		0 - 20 % LEL
TBGW-Ex	fixed, remote sensor	BVS 03 ATEX E 101	12/08/2003	sensor type 3	catalytic combustion	
				methane, propane, n-butane, cyclohexane, diethyl ether, n-hexane, hydrogen		0 - 100 % LEL
				ethyl acetate, n-nonane		0 - 30 % LEL

Oldham - Winter GmbH, 44319 Dortmund, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
TBGW-Ex	fixed, remote sensor	BVS 03 ATEX E 101 N2	08/03/2010	see BVS 03 ATEX E 101 sensor types 1 and 2	catalytic combustion	
WinGas (Digital)	fixed, control unit	BVS 05 ATEX G 004 X	29/11/2005	combustible gases according to used remote sensor	not applicable	0 - 100 % LEL
				combustible gases according to used remote sensor	not applicable	0 - 100 %(v/v)
				oxygen according to used remote sensor	not applicable	0 - 25 %(v/v)
WinGas (Digital)	fixed, control unit	BVS 05 ATEX G 004 X N1	27/01/2011	see BVS 05 ATEX G 004 X		

Riken Keiki Co., Ltd., Tokyo 174-8744, Japan

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GX-3R	portable, multi gas detector	BVS 20 ATEX G 002 X	26/11/2021	methane, propane, i-butane	catalytic combustion	0 - 100 % LEL
GX-3R Pro	portable, multi gas detector	BVS 20 ATEX G 002 X	26/11/2021	methane, propane, i-butane	catalytic combustion	0 - 100 % LEL
GX-3R	portable, multi gas detector	BVS 20 ATEX G 002 X N1	07/12/2022	see BVS 20 ATEX G 002 X		
GX-3R Pro	portable, multi gas detector	BVS 20 ATEX G 002 X N1	07/12/2022	see BVS 20 ATEX G 002 X		
GX-3R	portable, multi gas detector	BVS 20 ATEX G 002 X I01	23/08/2024	see BVS 20 ATEX G 002 X		
GX-3R Pro	portable, multi gas detector	BVS 20 ATEX G 002 X I01	23/08/2024	see BVS 20 ATEX G 002 X		

Riken Keiki Co., Ltd., Tokyo 174-8744, Japan (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GX-Force	portable, multi gas detector	BVS 23 ATEX G 001 X	21/02/2024	methane, propane, i-butane	catalytic combustion	0 - 100 % LEL
GX-Force	portable, multi gas detector	BVS 23 ATEX G 001 X Issue 01	22/08/2024	methane, propane, i-butane	catalytic combustion	0 - 100 % LEL
GX-9000	portable, multi gas detector	BVS 23 ATEX G 002 X	19/07/2024	methane, propane, hydrogen, i-butane	catalytic combustion infrared absorption thermal conductivity	0 - 100 % LEL 0 - 100 % LEL/ 0 - 100 %(v/v) 0 - 100 %(v/v)
GX-9000 H	portable, multi gas detector	BVS 23 ATEX G 002 X	19/07/2024	methane, propane, hydrogen, i-butane	catalytic combustion infrared absorption thermal conductivity	0 - 100 % LEL 0 - 100 % LEL/ 0 - 100 %(v/v) 0 - 100 %(v/v)
GX-9000	portable, multi gas detector	BVS 23 ATEX G 002 X Issue01	27/10/2025	see BVS 23 ATEX G002 X		
GX-9000 H	portable, multi gas detector	BVS 23 ATEX G 002 X Issue01	27/10/2025	see BVS 23 ATEX G002 X		

Riken Keiki Co., Ltd., Tokyo 174-8744, Japan (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
GX-6100	portable, multi gas detector	BVS 25 ATEX G 001 X Issue 00	28/05/2025	methane, propane, i-butane	catalytic combustion	0 - 100 % LEL
GX-6100	portable, multi gas detector	BVS 25 ATEX G 001 X Issue 01	30/10/2025	See BVS 25 ATEX G 001 X Issue 00		

SICK AG, 22399 Hamburg, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X	26/09/2005	propane, acetone, methanol, ethanol, ethyl acetate	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N1	08/03/2006	see BVS 05 ATEX G 005 X	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N2	08/03/2006	see BVS 05 ATEX G 005 X	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N3	27/09/2007	see BVS 05 ATEX G 005 X	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N4	24/03/2011	see BVS 05 ATEX G 005 X	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N5	30/01/2014	propane, n-hexane, acetone, methanol, ethanol, ethyl acetate	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N6	17/10/2014	Parafol 1014	flame ionisation	0 - 100 % LEL
EuroFID 3010 (inline version)	fixed	BVS 05 ATEX G 005 X N8	27/11/2015	see BVS 05 ATEX G 005 X N5 and N6	flame ionisation	0 - 100 % LEL

SICK AG, 22399 Hamburg, Germany (continued)

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
EuroFID 3010 Inline UEG	fixed	BVS 05 ATEX G 005 X N9	27/02/2018	propane, n-hexane, acetone, methanol, ethanol, ethyl acetate, Parafol 1014	flame ionisation	0 - 100 % LEL
EuroFID 3010 Extraktiv UEG	fixed	BVS 05 ATEX G 005 X N9	27/02/2018	propane, n-hexane, acetone, methanol, ethanol, ethyl acetate, Parafol 1014	flame ionisation	0 - 100 % LEL
EuroFID 3010 Inline UEG	fixed	BVS 05 ATEX G 005 X N10	27/11/2018	n-heptane	flame ionisation	0 - 100 % LEL
EuroFID 3010 Extraktiv UEG	fixed	BVS 05 ATEX G 005 X N10	27/11/2018	n-heptane	flame ionisation	0 - 100 % LEL
Sidor	fixed	BVS 06 ATEX G 002 X	14/12/2006	methane	infrared absorption	0 - 80 %(v/v) 0 - 100 %(v/v)
				oxygen	paramagnetic or electrochemical sensor	0 - 10 %(v/v)
Sidor	fixed	BVS 06 ATEX G 002 X N1	20/02/2008	methane	infrared absorption	0 - 80 %(v/v) 0 - 100 %(v/v)
				oxygen	paramagnetic or electrochemical sensor	0 - 10 %(v/v) 0 - 25 %(v/v)

Siemens AG, 76187 Karlsruhe, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
Oxymat 6E, Oxymat 6F	fixed	BVS 03 ATEX G 013 X	17/10/2003	oxygen	paramagnetic	0 - 2..21 %(v/v)
Oxymat 6F	fixed	BVS 03 ATEX G 013 X N1	17/10/2003	oxygen	paramagnetic	0 - 2..21 %(v/v)
Oxymat 6F	fixed	BVS 03 ATEX G 013 X N2	17/10/2003	oxygen	paramagnetic	0 - 2..21 %(v/v)
Oxymat 6F	fixed	BVS 03 ATEX G 013 X N3	17/10/2003	oxygen	paramagnetic	0 - 2..21 %(v/v)

Woelke Industrieelektronik GmbH, 42551 Velbert, Germany

equipment	type	certificate	date	gases/vapours	measuring principle	measuring range
METHEX 100	fixed, control unit and remote sensor	DMT 03 ATEX E 065 X N3	19/12/2005	methane	thermal conductivity	0 - 100 %(v/v)
METHEX 100	fixed, control unit and remote sensor	DMT 03 ATEX E 065 X N4	03/03/2006	methane	thermal conductivity	0 - 100 %(v/v)
Methawo 5.100 (type HMG 01.03)	portable	BVS 07 ATEX E 153 X N1	17/07/2008	methane	catalytic combustion	0 - 100 % LEL
					thermal conductivity	0 - 100 %(v/v)
Methawo 5.100 (type HMG 01.03)	portable	BVS 07 ATEX E 153 X N2	14/11/2008	see BVS 07 ATEX E 153 X N1		
Methawo 5.100 (type HMG 01.03)	portable	BVS 07 ATEX E 153 X N3	01/06/2012	see BVS 07 ATEX E 153 X N1		
Methawo 5.100 (type HMG 01.03)	portable	BVS 07 ATEX E 153 X N4	28/01/2013	see BVS 07 ATEX E 153 X N1		
ANNOVEX GMA 01.04.xxx	fixed, transmitter	DMT 03 ATEX E 065 X N8	27/09/2017	methane	infrared absorption	0 - 5 %(v/v)
MONIMET GMM 01.04.xxx	fixed, transmitter	DMT 03 ATEX E 065 X N8	27/09/2017	methane	infrared absorption	0 - 5 %(v/v)