

# Manufacture's Declaration

10000114259/03



## Use of MSA gas detector type ULTIMA X5000 for the measurement of flammable gases and vapours also in conjunction with MSA control Systems SUPREMA, 9010/9020/SIL and GasGard XL

We, **MSA Europe GmbH, Schlüsselstrasse 12, 8645 Rapperswil-Jona, CH - Switzerland** hereby declare that the ULTIMA X5000 certified by Sira (Sira 17 ATEX 1049 X) as an explosion protected electrical apparatus is able to measure following listed gases and vapours in the measuring range of 0-100 %LEL in air

Gas/Vapour	CAS No.	Display correlates to		t <sub>50/s</sub>	t <sub>90/s</sub>
Acrylonitrile*	107-13-1	40 % LEL	Propan 0,85 Vol%	< 13	< 35
2-Butene	590-18-1	42 % LEL	Propan 0,6 Vol%	< 10	< 29
Ethylene	74-85-1	42 % LEL	Propan 0,85 Vol%	< 11	< 22
Hydrogen	1333-74-0	21 % LEL	Propan 0,6 Vol%	< 10	< 22
Propylene	115-07-1	40 % LEL	Propan 0,85 Vol%	< 6	< 16
Styrene*/**	100-42-5	70 % LEL	Propan 0,85 Vol%	< 22	< 118

For use also in conjunction with following certified Control systems

Control System	EU Type Examination certificate	Notified Body
<b>SUPREMA</b>	DMT 03 ATEX G 003 X	DEKRA EXAM GmbH
<b>9010/9020 SIL</b>	BVS 16 ATEX G 001	DEKRA EXAM GmbH
<b>GasGard XL</b>	FTZU 07 ATEX 0066 X	FTZU s.p.

The calibration/ adjustment procedure must be carried out in accordance with the operating instructions.

The calibration of the gas detector ULTIMA X5000 must be carried out in accordance with EN 60079-29-2 or local requirements.

\*In case of longer exposure of this above mentioned Gas/vapours, a calibration according to EN 60079-29-2 must be carried out.

\*\*The response time T90 is out of standard, the alarm threshold for this substance should be set as low as possible.

Berlin, 26.06.2019

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