



D•TEX 3F+

EXPLOSIVE GAS DETECTOR

CH_4 - C_3H_8 - C_4H_{10} - H_2

- Technology: catalytic
- Connection: 3 wires
- U•H6 & U•H1 compatible

- Reversible IP65 enclosure
- ATEX marking:
 II 3G Ex nA d IIC T2 Gc



DALEMANS®
G A S D E T E C T I O N



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All gas detection installations must be calibrated and maintained regularly in accordance with the manufacturer's instructions to guarantee safety and performance.



CHARACTERISTICS

MATERIAL	Flame retardant (UL 94 V-0) and UV stabilized plastic
DIMENSIONS (HxWxD)	147 x 119 x 51 mm
WEIGHT	285 g
OUTPUT	U•H6 & U•H1 compatible analog voltage
 SENSOR TECHNOLOGY	CATALYTIC
OPERATING VOLTAGE	10 - 30 V(DC)
POWER CONSUMPTION	1.3W (typical) 2.1W (max.)
OPERATING TEMPERATURE	0 °C to +50 °C
HUMIDITY	0 - 90 % HR (non-condensing)
PRESSURE	90 - 110 kPa
RESPONSE TIME (T90)	< 30 s
ACCURACY	± 3 % Full Scale
EXPECTED OPERATING LIFE	> 2 years
WIRING (*)	3 x 0,75 - 2,5 mm ² - Silicone-free cable
WIRING LENGTH	Up to 300m
CABLE ENTRY	1 x M20
HOUSING INGRESS PROTECTION	IP65
APPROVAL CODE	Ex II 3G Ex nA d IIC T2 Gc
HAZARDOUS AREA	Zone 2
GAS GROUP	IIC
STANDARDS	EN 60079-0 - EN 60079-1 - EN 60079-15

(*) PRECAUTIONS FOR USE: Never connect the detector with a cable containing silicone in its composition or manufacture process. It could hinder or prevent full functionality of the detector. Please contact your supplier before installation.

TARGET GASES

GAS	CATALYTIC
METHANE (CH ₄)	0 - 100 % LEL
PROPANE (C ₃ H ₈)	0 - 100 % LEL
BUTANE (C ₄ H ₁₀)	0 - 100 % LEL
HYDROGEN (H ₂)	0 - 100 % LEL

The information contained in this documentation is non-contractual and subject to modifications.