

DATASHEET

FF756N

16521 UV/IR² Flame Detector in Eexd - IIC T6
Flame Proof Housing

MAIN FEATURES

- 16521 UV/IR² Flame Detector in Eexd - IIC T6 Flame Proof Housing

Product image is not available

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	14 to 30 VDC
Current consumption	8 mA (Quiescent - RL2 energised)4 mA (Quiescent - current loop, RL2 off)3 mA (Quiescent - RL2 off)28 mA (Alarm - RL1 & RL2 energised)20 mA (Alarm - current loop, RL1 & 2 off)28 mA (Alarm - RL1 energised)

Inputs / outputs

Output quantity	2
Output type and rating	Normally open or Normally closed (< 1 A @ 50 VDC - < 30 W resistive load)

Physical characteristics

Physical dimensions	150 x 146 x 137 mm (h x w x d)
Net weight	2.5 kg
Colour	Red
Mounting type	Surface mount
Material (body)	Copper free aluminium alloy

Environmental characteristics

Operating temperature	-10 to +55°C
Storage temperature	-20 to +65°C
Relative humidity	< 95% noncondensing
Environment	Exd, Indoor, Outdoor
IP rating	IP66

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TECHNICAL SPECIFICATIONS

Other characteristics

Cable specification	1.0 to 4.0 mm ²
Field of view	< 90° Cone
Range	< 50 m
Lateral detection	< 45°
Optical wave length (all languages)	185 to 260 nm (UV)
Response time (all languages)	8 s @ 25 m (n-Heptane - yellow flame of 0.3 x 0.3 m @ 25 m)
Programmable	Latching or non-latching
Cable entries	3 x 20 mm
Fixing centres	58 mm
Vandal proof	No
Compliance	CE, REACH, RoHS 3, WEEE
Certification	CENELEC/ATEX, CPR
Voluntary marks	LPCB, VdS
Standards	EN54-10
ATEX certified	: Ex II 2GD Ex d IIC T6 Gb (Zone 1, 21, 2 and 22)