

UV - Flame Detector

Type: FL (Ex) d 07-T-RE-..

Technical Data:

Dimension

Length: 272 mm with cable gland
Width: 192 mm
Height: 180 mm

Housing material:

AlSi7Mg03

Paint Standard:

RAL 3000

Weight:

ca. 5,00 kg

Type of protection:

IP 66

Viewing Angle:

$\alpha = 90^\circ$

Optics:

65 mm Ø

Fire sensitivity:

EN 54 - 10 class 1

Response sensitivity:

Will be adjusted according to the requirements by the manufacturer.

Marking:



II 2G Ex db IIC T6 Gb

Ta: -40°C - +70°C

II 2G Ex db IIC T4 Gb

Ta: -40°C - +120°C

EC - Type Examination - Certificate:

TÜV 15 ATEX 163990X

IEC - Type Examination - Certificate:

IECEX TUN 17.0002X

Working Temperature Range:

-40°C - +120°C

Storage Temperature:

-40°C - +125°C

Electrical Data:

Power Supply:

12 VDC - 20% to 24 VDC + 25%
(9,6 VDC to 30 VDC)

Power Consumption

Ready for operation:

ca. 2,7 VA

UV-Test:

ca. 3,1 VA

Fire alarm:

ca. 3,3 VA

Temperature max. shutdown:

ca. 1,0 VA

Switching outputs:

1 potential free contact for fire alarm, collective fault and Temperature max.

By request connected with optional resistors.

Contact Load

Switching voltage:

max. 30 VDC

Switching power:

max. 10 VA

Switching current:

max. 0,5 A

Power message lines resistors:

max. 1,2 VA each resistor

Voltage:

max. 30 VDC

Current:

max. 0,04 A

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Cable glands 1 Pcs. M20x1,5
1 Pcs. M20x1,5 or plugs

Housing material: Nickel-plated, brass

Clamping range: 5,5 - 13 mm Ø for non-armored cable
-70°C - +220°C / IP 68 with gasket on thread

Marking:  Ex db IIC

Connection terminals: Push-in direct plug-in method for solid or flexible wire with ferrule.
When connecting stranded wires without ferrules, the terminal point is opened via a standard screwdriver.

Wire cross section solid: min. 0,2 mm² Stripping length 10 mm
max. 4,0 mm² Stripping length 10 mm

Wire cross section solid: min. 0,2 mm² Stripping length 10 mm
max. 2,5 mm² Stripping length 10 mm

Wire cross section stranded, with ferrule without plastic sleeve: min. 0,25 mm² Stripping length 8 mm
max. 2,5 mm² Stripping length 8 mm

Wire cross section stranded, with ferrule with plastic sleeve: min. 0,25 mm² Stripping length 8 mm
max. 1,5 mm² Stripping length 8 mm

Datum/Date 16.02.17

Version 6

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