

IR flame detector (Ex) X 9800



Part-No.: 761347

Approval: VdS, ATEX, SIL 2, FM

The pressure-proof, fully enclosed infrared flame detector particularly distinguishes itself through reliable operation in difficult conditions. An integrated LED and three relays provide information regarding the state of operation, failure, and alarm. Contamination resistance and heated optics to prevent condensation and formation of ice also allow for external operation. Typical areas of application are turbines, petrochemistry and the automotive industry.

Monitoring on the loop and resetting via esserbus transponder 808623. Monitoring of a conventional line via the same transponder. This device requires a separate voltage supply of 24 V DC.

Features:

- Visual range: 90°
- Maintenance with magnets, no test lamp required
- Status display directly at the detector via 3-color LED for operation, fault and alarm
- Monitoring and resetting via esserbus transponder Part No. 808623 in loop operation
- Automatic, manual or magnetic optical integrity (oi) testing, no external test lamp required

Operating voltage	24 V DC
Current consumption @ 24 V DC	approx. 87.5 mA
Power consumption	16.5 W @ 30 V DC with end-of-line resistor and heater on maximum
Height to be monitored	20 m
Ambient temperature	-40 °C ... 75 °C
Storage temperature	-55 °C ... 85 °C
Air humidity	< 95 %
Ex-category	II 2 GD
Explosion protection	EEx d IIC T5-T6, T86°C
Type of protection	IP 66
Housing	Die cast aluminum
Weight	approx. 2.7 kg (+ 6.0 kg fixture)
Detector specification	EN 54-10, Class 1
EC-type examination certificate	DEMKO 02 ATEX 132195
Dimensions	Ø: 122 mm H: 246 mm



Please note: for mounting of the holder, a 5 and 14 mm Allen key is necessary and is not included in delivery. Regarding distance please refer to the manual for further information!



Mounting bracket Screw connection kit (1 x M25 Ex d/3 x blind fittings M25 Ex d) Service pack (1 x screwdriver/1 x magnet for function test/1 x cleaner for optics)