

O2T multisensor fire detector IQ8Quad with isolator



Part-No. 802374

Approval: VdS, CNBOP, BOSEC

Multisensor fire detector using patented dual angle optical scatter as well as additional heat detector sensor evaluation to guarantee the detection of different types of fire from smoldering fires to open fires with constant sensitivity level. Smoke sensor signal identification to ensure smoke classification and reduction of false alarms caused by interferences, for instance, water vapor or dust. Used when early and reliable fire detection is requested. Because of its excellent detection characteristics and enhanced false alarm management, the detector is also able to identify the standardized TF1 and TF6 test fires. The O²T multisensor fire detector is also suitable for applications with higher temperatures of up to +65 °C. The detector is provided with an integrated isolator. A remote indicator can be connected.

With VdS approved parameter settings for special applications:

- Water/oil/haze
- Garage
- Hall
- Clean room
- High application temperature (~ 80°C)
- Hotel room
- User defined

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	60 µA
Alarm current w/o communication curtain	18 mA
Area to be monitored	max. 110 m ²
Height to be monitored	max. 12 m
Air velocity	0 ... 25.4 m/s
Application temperature	-20 °C ... 65 °C
Storage temperature	-25 °C ... 75 °C
Type of protection	IP43 (with base + option)
Material	ABS plastic
Air humidity	< 95 % (non condensing)
Color	white, similar to RAL 9010
Weight	approx. 110 g
Detector specification	EN 54-7/-5 B /-17, CEA 4021
Dimensions	Ø: 117 mm H: 49 mm (62 mm incl. base)



Detector base is not supplied as standard

Accessories:

- 767800 Mounting bracket
- 805590 Standard detector base for IQ8Quad
- 805591 Detector base with relay contact for IQ8Quad