

O2T multisensor detector IQ8Quad FM with isolator





Part-No.: 802374.IN
Approval: VdS, BOSEC, FM

Multisensor detector provided with two built-in optical smoke sensors with different scattered light angles as well as additional heat detector sensor evaluation to guarantee the detection of different types of fire from smouldering fires to open fires with constant sensitivity level. Smoke sensor signal identification to ensure smoke classification and reduction of deceptive alarms caused, for instance, by water vapor or dust. Because of its excellent detection characteristics, the detector is also able to identify the standardized TF1 and TF6 test fires. The O²T multisensor detector is also suitable for applications with higher temperatures of up to +65 °C. The detector is provided with an integrated isolator. A parallel detector indicator can be connected.

Common technical data

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	60 µA
Quiescent current @ FACP battery	approx. 230 µA @ 27,5 V
Quiescent current @ FACP battery	approx. 330 µA @ 42 V
Alarm current w/o communication curtain	18 mA
Area to be monitored	110 m ²
Height to be monitored	12 m
Air velocity	0 m/s ... 25.4 m/s
Application temperature	-20 °C ... 65 °C
Storage temperature	-25 °C ... 75 °C
Air humidity	< 95 %
Type of protection	IP 43 (incl. base + option)
Material	PC / ABS
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)
Declaration of Performance	DoP-20105130701

 Special colors on demand.

 Without detector base

Accessories:

767800	Mounting bracket
805590.IN	Standard detector base for IQ8Quad FM
805591.IN	Detector base with relay contact for IQ8Quad FM