

Rate-of-rise heat detector IQ8Quad with isolator



Part-No. 802271

Approval: VdS, CNBOP, BOSEC

Automatic heat detector with a single thermistor to sense the air temperature around the detector. Fast semiconductor sensor guarantees reliable detection of fires with rapidly rising temperatures and integrated fixed temperature function for the detection of fires with slowly rising temperatures. Ideal for sensing in environments that are dirty or smoky under normal conditions, as well it is unaffected by wind or atmospheric pressure. Intelligent fire detector with decentralized intelligence, automatic function self-test, CPU failure mode, alarm and operating data memory, alarm indicator, soft-addressing and operating indication.

The detector is provided with an integrated isolator. A remote indicator can be connected.

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	40 µA
Alarm current w/o communication curtain	18 mA
Area to be monitored	max. 30 m ²
Height to be monitored	max. 7.5 m
Air velocity	0 ... 25.4 m/s
Application temperature	-20 °C ... 50 °C
Storage temperature	-25 °C ... 75 °C
Type of protection	IP43 (with base + option)
Material	ABS plastic
Air humidity	< 95 %
Color	white, similar to RAL 9010
Weight	approx. 110 g
Detector specification	EN 54-5 A1R/-17
Dimensions	Ø: 117 mm H: 49 mm (62 mm incl. base)



Special marking for heat detector on the light pipe: black ring.



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