

Fixed heat detector IQ8Quad FM with isolator





Part-No.: 802171.IN
Approval: VdS, BOSEC, FM

Automatic heat detector with fast semiconductor sensor to guarantee reliable detection of fires with strong heat generation. 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 parallel detector indicator can be connected.

Common technical data

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	40 µA
Quiescent current @ FACP battery	approx. 160 µA @ 27,5 V
Quiescent current @ FACP battery	approx. 220 µA @ 42 V
Alarm current w/o communication curtain	18 mA
Area to be monitored	30 m ²
Height to be monitored	7.5 m
Air velocity	0 m/s ... 25.4 m/s
Application temperature	-20 °C ... 50 °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 - 5 A1S / -17
Dimensions	Ø: 117 mm H: 49 mm (62 mm incl. base)

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

 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