Sabit Isı Dedektörü IQ8Quad with isolator

Part-No.: 802171
Approval: VdS, 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 strong heat generation. 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.

Common technical data

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	40 µA
Quiescent current @ FACP battery	approx. 220 µA
Alarm current w/o communication curtain	18 mA
Area to be monitored	30 m²
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 40 with base, up to IP 43 with base and option
Material	ABS plastic
Color	white, similar to RAL 9010
Weight	approx. 110 g
Detector specification	EN 54 - 5 A1S / -17 : 2005
Dimensions	Ø: 117 mm H: 49 mm (62 mm incl. base)
Declaration of Performance	DoP-20102130701

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

Accessories:

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