OT multisensor fire detector IQ8Quad with isolator

Part-No. 802373

Approval: VdS

Multisensor fire detector with integrated optical sensor and heat sensor which give both a combined signal as well as a separate heat signal for improved false alarm management, with time-controlled signal analysis and weighted data combination of both detector functions for detecting smoldering fires and fires with extreme heat generation. Intelligent detector with decentralized intelligence, self-function test, CPU redundancy mode, automatic adaptation to the environments, alarm and operating data storage, alarm indication and soft addressing.

The loop isolator is integrated in the detector. A remote indicator is additionally attachable.

Operating voltage	9 ... 42 V DC
Quiescent current @ 19 V DC	50 µA
Alarm current w/o communication curtain	18 mA
Area to be monitored	max. 110 m²
Height to be monitored	max. 12 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 % (non condensing)
Color	white, similar to RAL 9010
Weight	approx. 110 g
Detector specification	EN 54-7/-5 A2 /-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

Novar GmbH a Honeywell Company
Dieselstr. 2 41469 Neuss

Phone: +49 2131 40615 600
Faximile: +49 2131 40615 606

www.esser-systems.com
info@esser-systems.com