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by Honeywell

## 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 voltage9 42 V DCQuiescent current @ 19 V DC50 µAQuiescent current @ FACP batteryapprox. 280 µAAlarn current w/o communication curtain18 mAArea to be monitored110 m²Height to be monitored12 mAir velocity0 m/s 25.4 m/sApplication temperature-20 °C 50 °CStorage temperature-25 °C 75 °CAir humidity< 95 %Type of protectionIP 40 with base, up to IP 43 with base and optionMaterialABS plasticColorwhite, similar to RAL 9010Weightapprox. 110 gDetector specificationØ: 117 mm H: 49 mm (62 mm incl. base)	Common technical data	
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Declaration of Performance DoP-20111130701	Declaration of Performance	DoP-20111130701

Special colors on demand The detectors Part No. 802271, 803271, 803371, 803371, 802373, 802374 and 803374 are approved in the scope of the DIBt system authorization for the operation with an Automatic Door System. To determine the battery capacity of a fire alarm panel, the detector data "Quiescent current @ BMZ battery" can be added. In order to pass through existing wires, the WAGO grips, e. g. type 243-204 (O 0.5-1 mm) or 273/104 (0.75-2.5 mm2) can be integrated into the detector base. Please use only for commissioning/maintenance of fire detectors from SW version V2.42R006 the programming software tools 8000 from version V1.05.

## Accessories:

767800	Mounting bracket
805590	Standard detector base for IQ8C
805591	Detector base with relay contact

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