

## Optical smoke detector IQ8Quad FM with isolator



**Part-No.: 802371.IN**  
**Approval: VdS, BOSEC, FM**

Optical smoke detector to guarantee safe and early detection of fire. 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             | 50 µA                                 |
| Quiescent current @ FACP battery        | approx. 200 µA @ 27,5 V               |
| Quiescent current @ FACP battery        | approx. 280 µA @ 42 V                 |
| Alarm current w/o communication curtain | 18 mA                                 |
| Area to be monitored                    | 110 m²                                |
| Height to be monitored                  | 12 m                                  |
| Air velocity                            | 0 m/s ... 25.4 m/s                    |
| Application temperature                 | -20 °C ... 72 °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 54-7 / -17                         |
| Dimensions                              | Ø: 117 mm H: 49 mm (62 mm incl. base) |
| Declaration of Performance              | DoP-20104130701                       |



Special colors on demand.



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 |