

## Optical smoke detector IQ8Quad with isolator



### Part-No. 802371

#### VdS approval: VdS, CNBOP, BOSEC

Optical smoke detector which works using the light scatter principle to guarantee safe and early detection of fire. Responds well to slow-burning, smouldering fires. 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.

|                                         |                                       |
|-----------------------------------------|---------------------------------------|
| Operating voltage                       | 8 ... 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 ... 72 °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 / -17                         |
| 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