

IQ8Wireless detector base



Features:

- Fixed heat detector (Part No. 802171, 802177)
- Rate-of-rise heat detector (Part No. 802271, 803271)
- Optical smoke detector (Part No. 802371, 803371)
- O²T multisensor fire detector (Part No. 802374, 803374)
- OTG multisensor fire detector (Part No. 802473)
- Individual detector identification on the control panel
- Regular functionality check for each detector
- Alarm and operation display on the detector
- Alarm and fault transmission in accordance with EN 54-2
- Easy detector or battery replacement with detector removal tool
- Fault signal when the mounted wireless base and the inserted detector are removed
- Permanent monitoring of battery voltage

Part-No.: 805593.10

Approval: VdS

With the IQ8Wireless base, the wireless component is located in the base onto which the respective fire detector is placed. The wireless base facilitates the connection of the IQ8Quad TM, ROR, O, O²T and OTG detectors via a wireless transmission line to the esserbus/esserbus-PLus and integrates them via wireless transponder or wireless gateway into the fire alarm system.

A maximum of 32 radio bases per wireless transponder and/or 10 per radio gateway can be allocated.

Operating voltage	4 x 3.6 V batteries
Current consumption	approx. 50 µA
Battery operating time	approx. 3 years*
Range inside	max. 30 m
Range outside	max. 300 m
Frequency band 1	433 MHz with 16 channels
Frequency band 2	868 MHz with 7 channels
Transmitter power	10 mW
Data transmission speed	19.2 Kbit/s
Application temperature	-5 °C ... 55 °C
Storage temperature	-20 °C ... 70 °C
Air humidity	< 95 % (non condensing)
Type of protection	IP 42
Material	ABS-V0
Color	white, similar to RAL 9010
Weight	approx. 315 g (incl. batteries)
Specification	EN 54-18:2005/-25:2008
Dimensions	Ø: 135 mm H: 49 mm (with detector H: 88 mm)
Declaration of Performance	DoP-20622130701



The batteries to be used are components of the device approval according to EN 54 and are specified by the manufacturer. With the IQ8Wireless radio components, only the approved batteries with Part No. 805597 may be used. Use of batteries other than those specified by us automatically voids the product's device approval (VdS-approval) and may not be used for example in Germany in fire alarm systems under legal building regulations.*The battery operating time is dependent on the type of detector/device used, as well as the application temperature and additional surrounding conditions. It can be substantially reduced by increased current consumption of the wireless devices in the case of alarm, wireless interference or poor transmission, or even possibly through contact resistance at the contacts. Due to its nature, this article contains components classified as dangerous goods. Please clarify in advance with your forwarding agent if he accepts the transport of dangerous goods and if necessary observe the import regulations. The dangerous goods class for road transport or air transport is as follows: UN-No. UN3091 ADR-Class 9



Incl. 4 x 3.6 V lithium batteries (Part No. 805597), Detector base IQ8Quad 805590