

IQ8Wireless universal interface w/o cover, red



Part-No.: 805601.10

Approval: VdS

The radio interface allows the IQ8MCP (small or large design) to be connected on the wireless esserbus-PLus.

The radio interface connects the intelligent IQ8MCP to the esserbus/powerd loop via the IQ8Wireless transponder or the IQ8Wireless gateway. Thus, the devices are automatically converted into individually addressable loop devices.

Features:

- IQ8MCP - electronic module, large design (Part No. 804905/ 804906)
- IQ8MCP – complete package, small design (Part No. 804971)
- IQ8MCP - electronic module, small design (Part No. 804955), only with mounting frame (Part No. 704967)
- IQ8Quad detectors (with and without alarm signaling devices)
- IQ8Alarm Plus alarm signaling device
- The IQ8 components are individually identified on the FACP
- Regular functionality performance checks of IQ8 components
- Fault signal when the IQ8 components are removed from the FACP
- Operating mode display directly at the IQ8 manual call point and IQ8Quad detector
- Alarm and fault message transmission in compliance with EN 54-2
- Easy detector removal and battery replacement using multi-functional key
- Remote operation of IQ8 components possible (max. 3 meters) via 2-wire line
- Constant battery status monitoring
- Early battery replacement notification at the FACP

Operating voltage	4 x 3.6 V batteries
Current consumption	approx. 30 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	PC/ASA plastic
Color	red, similar to RAL 3020
Weight	approx. 285 g (incl. batteries, without attachment)
Specification	EN 54-18:2005/-25:2008
Dimensions	W: 135 mm H: 135 mm D: 20 mm (without attachment)
Declaration of Performance	DoP-20623130701



Only use small manual call points with mounting frame Part No. 704967. 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 restricted 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



4 x 3.6 V lithium batteries (Part No. 805597)

Accessories:

805597	4 x 3.6 V lithium batteries
704967	Mounting frame for small MCP, red and white
805603	IQ8Wireless-mounting frames for IQ8Alarm / IQ8Alarm Plus, red and white