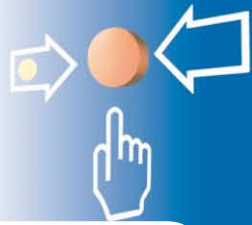


RF Interface

FI750/RF/W2W



- **Bi-directional communication with RF components Series FI750/RF**
- **Up to 127 wireless elements per RF interface**
- **Can be linked with up to 15 expanders**
- **Parameterisation via USB interface or menu operation**
- **Two-channel and two-path redundancy with range of up to 500m**



Description

The RF Interface FI750/RF/W2W forms a gateway between RF components Series FI750/RF and a Fire Detection Control Panel Series BC600. The communication with the control panel is established via the loop with Labor Strauss protocol.

Altogether, the RF interface can communicate with up to 127 wireless elements Series FI750/RF. The long range of transmission of up to 500m to wireless elements can be increased to more than 4km by using RF expanders. The RF interface can be linked with up to 15 RF expanders. In this way, a hierarchical RF system with up to 8 levels can be created.

Up to 32 wireless elements Series FI750/RF can be assigned directly to the RF interface and to every RF expander.

The device addresses are set either through the operation menu of the RF interface or through the PC software TauREX. In addition to the parameterisation of the RF system, this program also allows the analysis and graphical depiction of signal strength and transmission quality.

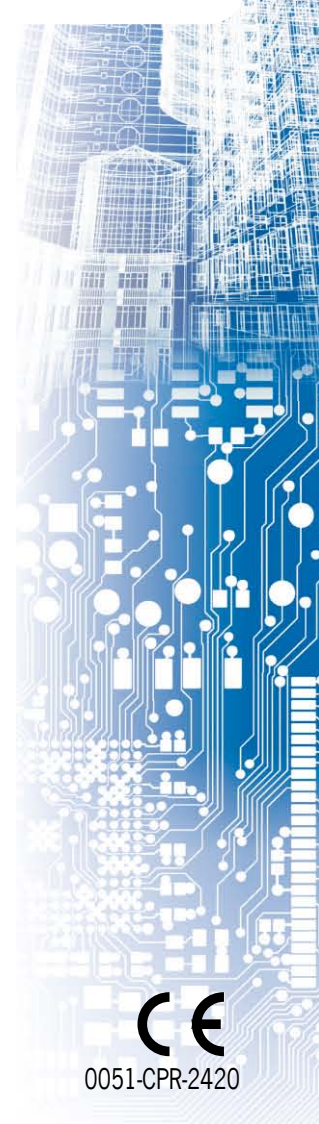
Three LEDs indicate the system conditions ,power', ,fault' and ,alarm'.

The RF interface is equipped with a dual-isolator, which disconnects the loop in case of a short circuit. The two orthogonal antennas are accommodated in the case.

The RF system is especially suitable for areas where cabling is impossible or uneconomical.

Specifications

Operating voltage	Supply through loop voltage
Current consumption from loop	max. 16mA
Range of radio transmission (free air)	up to 500m
Frequency band	868 MHz
Ambient temperature	-20°C to 70°C
Relative humidity	max. 95%
Protection class	IP65
Dimensions W x H x D	235 x 160 x 70 mm
Colour	white/black

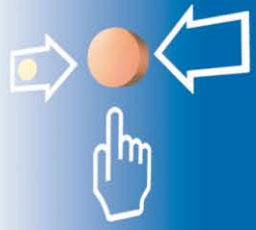


0051-CPR-2420

Building Safety. Building Security.



Weight	700g
Approvals	0051-CPR-2420
Order number	249312
Order name	RF Interface/750 FI750/RF/W2W



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