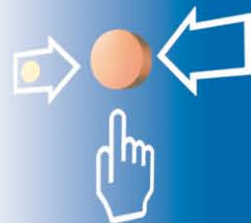


Wireless Optical Detector

FI750/RF/O



- **Bi-directional communication with RF Interface Series FI750/RF**
- **3 sensitivity levels**
- **Long battery life – up to 10 years**
- **Easy programming through „Scan and Link Option“**
- **Redundant radio connection with range of up to 500m**



Description

The wireless optical detector FI750/RF/O communicates with the fire detection control panel via a loop RF Interface FI750/RF/W2W or a conventional RF Interface FI750/RF/CWE.

The wireless detector uses an optical sensing chamber, based on the light scattering principle, and offers superior wide-spectrum detection of smoke aerosols generated by the majority of fires.

For the bi-directional data transmission, 66 data channels in the 868MHz frequency band are available. During the learning phase, the address is set in the range 2 to 240 by means of the PC software TauREX. In addition, the sensitivity of the optical sensor can be set to one of 3 levels.

The two multicoloured LED indicators with 360° visibility indicate the activated condition of the detector as well as further operating conditions.

Two batteries which are inserted into the detector provide power. The wireless detector is integrated into a white case and is designed for indoor installation. The detector comes with a base and both batteries.

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

Specifications

Power supply	2 lithium batteries CR123A
Battery life	up to 10 years
Range of radio transmission (free air)	max. 500m
Frequency band	868 MHz
Relative humidity	95%
Ambient temperature	-10°C to 55°C
Protection class	IP40
Dimensions Ø × H	110 × 65 (mm)
Colour	white
Weight (with batteries and base)	190g

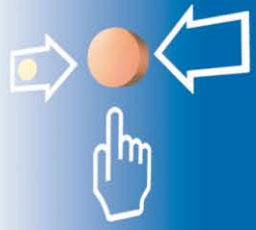


0051-CPR-2411

Building Safety. Building Security.



Sensitivity	
Level 1	2.7 %/m
Level 2	3.4 %/m
Level 3	4.1 %/m
<hr/>	
Approvals	0051-CPR-2411
<hr/>	
Order number	241196
<hr/>	
Order name	Detector/750/RF/complete FI750/RF/O
<hr/>	



Building Safety. Building Security.

