FD805RH-N

Additional Detector, 8 - 50M, For Use With FD805R-N Or FD810R-N

General

The FD805RH-N consist of an infrared transmitter and receiver in one compact housing with reflective prisim, for expansion of the FD805R-N or FD810R-N. The FD805R-N or FD810R-N ground level controller is supplied with one detector, and can support one additional FD805RH-N or FD810RH-N unit. The infrared signal from the detector is reflected by a prism and analyzed for smoke presence. It is particularly designed to be used where point smoke detectors are not applicable due to height or inaccessibility. The FD805RH-N also features a motorized head, which allow for auto realignment in cases where gradual building shift occurs.

Installer friendly

Getting the system operational is simplified by a number of groundbreaking features that combine to make the FD805RH-N the quickest and easiest detector of its type to install. Once the detector head is connected, using the Easifit First Fix system, an integral LASER, which is aligned along the optical path of the beam, can be activated. This allows the reflective prism to be sighted quickly and with confidence. Once the LASER has been used to coarsely align the beam, the AutOptimise beam alignment system takes over and automatically steers the beam into the optimum position.

Flexibility

The system can be fully customised, according to the requirements of each installation. Both alarm thresholds (sensitivity) and time to Alarm/Fault can be set from the ground level System Controller. Additionally, the integrated accessory mount allows the use of a variety of standard fittings solve any specific installation issues.

Details

- EN54/CPD approved
- Building Shift Compensation
- 2-wire Interface from Detector to System controller
- Laser Assisted Alignment
- Automatic Contamination Compensation
- Auto Alignment

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Technical specifications

Elektryczne

Operating voltage	14 to 36 VDC

Wykrywanie

Range	8 to 50 m
Lateral detection	7.5 m
Optical wave length	850 nm

Fizyczne

Physical dimensions	135 x 135 x 135 mm (W x H x D) - Detector
	100 x 100 x 9.5 mm (W x H x D) - Reflector
Net weight	500 g - Detector
	70 g - Reflector
Colour	Grey-black

Środowiskowe

Operating temperature	-10 to +55°C
Environment	Indoor
IP rating	IP54

Regulatory

Certification	EN54-12