

for Flame Sensor series FFS 05 ... ,
FFS 06 ... and for F 200 K ...



Application

The Test-Radiator FFP 02 is used as test- and service-device for the Flame Sensor series FFS 05 ... and FFS 06 ... in conjunction with the Flame Detectors F 250, F 150, F 151 and the ETAMATIC, as well for the Compact Flame Detector F 200 K ...

The lay out of the FFP 02 allows, to check IR- as well also UV- Flame Detectors according to their regular function (from the sensor element to the signal output of the Flame Detector unit). The Test-Radiator transmits a pulsating IR- and UV- radiation with a frequency of ca. 85 Hz and simulates therefore a realistically radiating flame.

The Test-Radiator will be suitable as a startup aid of LAMTEC- Flame Detectors and is used for a function check in case of a system fault, for service or maintenance.

Mechanical and electronical design

The electronic circuit of the Test-Radiator is built into a cylindrically plastic torche housing.

The light emitting aperture of the Test-Radiator is so designed, that inserting the Flame Sensor series FFS 05 ... and the Compact Flame Detectors F 200 K ... into the Test-Radiator, a direct coupling of the emitting LED with the sensor element is given. The Flame Sensor series FFS 06 ... has to be positioned direct to the sight opening. It is important for UV- Flame Sensors for this serie to take care for the right position, because the lens aperture-angle of the sensor is only ca. 8 degree.

The IR/UV LED radiation of the FFP 02 is switched ON and OFF by a slider switch on side of the torch housing.

The Test-Radiator FFP 02 is equipped with an alkalinen battery (500 mAh). The electronic circuit is designed to switch off after ca. 5 min. automatically the battery supply voltage. Switch again OFF and ON, then the Test-Radiator is active again. Therefore the average battery life time is 3 years.

Accessories

Optical-Adapter for FFS06



Order description

Type

Test-Radiator FFP 02
Optical-Adapter FO 01

Order- no.

659 R 3010
659 R 3010/ADAP



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