

Fireray 100 RV with 4 prisms



Part-No. 761316

Approval: VdS

The detector consists of an integrated infrared transmitter and receiver. The signal is reflected by a prism and analyzed by the receiving element. Signal reaching the threshold will trigger an alarm.

The integration on the loop and the resetting function is carried out via the esserbus transponder (Part No. 808623).

Integration and reset on conventional line is carried out via the same transponder. The detector requires a separate voltage supply of 24 V DC.

The Fireray is installed about 0.3 to 0.8 m underneath the ceiling and its reflector with the same ceiling distance opposite. There should be no reflecting obstacles in the transmission zone (approx. 2 degrees).

Features:

- Compact housing
- Range 50 m to 100 m
- Robust construction
- Complies with EN 54-12 standard
- Monitoring and resetting is carried out via the esserbus transponder (Part No. 808623) during loop operation

Operating voltage	10.2 ... 30 V DC
Quiescent current @ 24 V DC	approx. 4 mA
Alarm current @ 24 V DC	15 mA
Contact load	max. 30 V DC / 1 A
Alarm display	LED, red
Range	50 to 100 m
Ambient temperature	-20 °C ... 55 °C
Storage temperature	-35 °C ... 60 °C
Type of protection	IP 50
Housing	ABS plastic, flame resistant
Air humidity	< 93 %
Color	gray, similar to RAL 7035
Weight	approx. 670 g
Detector specification	EN 54-12
Dimensions	W: 210 mm H: 117 mm D: 120 mm



4 x Prisms (Part No. 761401.10)