

DATASHEET

6030-100

Fireray Hub Reflective - Detector

MAIN FEATURES

- Fireray Hub Reflective - Detector

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Loop powered
Operating voltage	14 to 36 VDC

Inputs / outputs

Zone length	< 100 m from the hub
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Physical characteristics

Physical dimensions	Detector: 131 x 134 x 131 mm (H x W x D)Reflector: 100 x 100 x 9 mm (H x W x D)
Net weight	Detector: 0.57 kgReflector: 0.06 kg
Mounting type	Hinged mouting, Surface mount
Mounting Accessories	FD-MB001R

Environmental characteristics

Operating temperature	-10 to +55°C (+14 to +131°F)
Storage temperature	-40 to +85°C (-40 to +185°F)
Relative humidity	0 to 93% non condensing or icing
Environment	Indoor
IP rating	IP55

Other characteristics

Compatibility	6020-100 Fireray Hub Reflective
Connectivity	2-wire & screen

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TECHNICAL SPECIFICATIONS

Addressing method	DIP Switches
Cable specification	24 to 14 AWG (0.5 to 1.6 mm) (1/100" to 6/100")
No. of cable cores	2, dedicated
Detection principle	Optical infrared beam
Range	8 to 50 m (to 120 m with FD-LRK)
Optical wave length	850 nm
Adjustment angle	± 4.5°
Misalignment tolerance	± 0.5°
Beam path clearance	0.5 m (1 ¾ ft) radius from centre line between detector and reflector
Response time	< 2 s
Vandal proof	No
Compliance	CE, REACH, RoHS 3, UKCA, WEEE
Certification	CPR
Voluntary marks	VdS
Standards	EN54-12
Category	Reference
Detection device	5000-008