

DATASHEET

FD2710R

2000 series addressable reflective beam detector
50 to 100 m

MAIN FEATURES

- 2000 series addressable reflective beam detector 50 to 100 m



TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Loop powered
Operating voltage	17 to 28 VDC
Current consumption	5 mA (Quiescent)14 mA (Alarm)10 mA (Fault)22 mA (Alignment mode)

Inputs / outputs

Material (contacts)	Flame retardant ABS
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Physical characteristics

Physical dimensions	130 x 210 x 120 mm(W x H x D)
Net weight	770 g
Colour	Black, Grey
Mounting type	Wall mount

Environmental characteristics

Operating temperature	-10 to 55°C (32 to 100°F)
Relative humidity	93% (non-condensing)
Environment	Indoor
IP rating	IP50

Other characteristics

Status indication	LEDs
Compatibility	Artech 2000 series systems
Alarm levels	3

FD2710R

TECHNICAL SPECIFICATIONS

Connectivity	2-wire loop
Addressing method	DIP Switches
Detection principle	Optical light scatter
Coverage area	<1500 m ²
Range	50 to 100 m
Lateral detection	7.5 m
Optical wave length	880 nm
Installation height	< 25 m
Misalignment tolerance	Detector $\pm 0.4^\circ$, Prism $\pm 5.0^\circ$ (@ 25%)
Vandal proof	No
Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54:12
Category	Reference
Detection device	FD-MB10