

DATASHEET



116-BG-21

Dual IR flame detector

MAIN FEATURES

- Dual IR flame detector

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Zone powered
Operating voltage	10 to 26 VDC
Current consumption	90 µA (Standby) 2.1 mA (Alarm)

Physical characteristics

Physical dimensions	119 x 63.5 mm (Ø x H)
Net weight	210 g
Colour	Light grey, Transparent
Mounting type	Base mount, Ceiling mount, Wall mount

Environmental characteristics

Operating temperature	-40 to +70°C
Storage temperature	-40 to +70°C
Relative humidity	0 to 96% (continuous) 100% (short periods)
Environment	Indoor, Outdoor
IP rating	IP66 / 67

Other characteristics

Status indication	LED
Compatibility	Conventional fire zones
Connectivity	2-wire zone
Cable specification	< 2.5 mm² (AWG14)

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TECHNICAL SPECIFICATIONS

No. of cable cores	2
Terminals	4
Detection principle	Dual infrared sensors detect the fire spectrum
Sensitivity	Selectable
Field of view	90°
Range	< 25 m
Lateral detection	< 45°
Installation height	< 25 m
Adjustment angle	< 75°
Response time (all languages)	> 3 s (n-heptane)
Cable entries	4 off - 6 to 12 mm (with cable gland)
Vandal proof	No
Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54-10