

DATASHEET

3000-115

End-to-end flame proof beam detector system

MAIN FEATURES

- End-to-end flame proof beam detector system



TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 to 36 VDC +/-10%
Current consumption	Controller: 14 mA (constant) (with 1 or 2 receivers) Transmitter: 8 mA (per transmitter)

Physical characteristics

Physical dimensions	Control Unit: 124 x 203 x 73.5 mm Transmitter/Receiver : 172 x 149 x 190 mm (incl. bracket)
Net weight	Control unit: 0.6 kg Transmitter/Receiver: 3.7 Kg (incl. bracket)
Mounting type	Wall mount

Environmental characteristics

Operating temperature	-20 to +55°C noncondensing
Relative humidity	93% noncondensing
Environment	Exd
IP rating	Controller: IP50 Transmitter/Receiver: IP66

Other characteristics

Reset time	>20 seconds (Power Down)
Optical wave length	850 nm
Certification	CENELEC/ATEX
Controller	UL94 V2 PC
Transmitter/Receiver	Aluminium Alloy LM25, red
Bracket	Steel, red

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TECHNICAL SPECIFICATIONS

Receiver

Delay to Alarm/Fault

Typ

Max

Laser Time-out

Typ

Max

Response Sensitivity/Threshold

Typ

Max

EN54

Category

Detection device

Alignment LEDs for single person alignment

Min: 2sec

10sec

30sec (selectable in 1sec steps)

Min: 1min

5min

59min (selectable in 1min steps)

Min: 25%

35%

60% (selectable in 1% steps)

12 and ATEX: Ex II 2GD

Reference

3000-026