

EXI Safety Beam Datasheet

Product Information

Product Data

Product Dimensions

The EXI safety beam is a retroreflective photocell designed for use with approved amplifiers and intrinsically safe barriers in explosive environments. The photocell is NAMUR compliant and has a limit output that passes ≤ 1.2 mA in the "dark" condition and ≥ 2.1 mA in the "light" condition. This particular beam has an Internal multi-turn SENSITIVITY control which is accessible from beneath the hinged, o-ring sealed top cover.



EXI Safety Beam

Product Description

The EXI Safety Beam retroreflective photocell is a safety device from the hazardous area equipment range that is to be used in intrinsically safe barriers in explosive environments.

The photocell has a 9m range and is available in a 5-15V dc supply voltage with a thermoplastic environmentally protected IP.67 housing. This model is intrinsically safe with an E xd rating of EEx ia IIC T6.



Product Features

- IP 67 Environment Protection
- Designed in Accordance with DIN 19234
- Adjustable Sensitivity Setting
- Sensing Reflector Included
- Intrinsically Safe EEx ia IIC T6
- For use with multifunction Exd panel only
- Supply Voltage: 5-15 V dc

Technical Information

EXI Safety Beam

Cable	2 m (6.5 ft)
Performance	680 nm, visible red (Range: 9 m (30 ft))
Output Type	Constant Current ≤ 1.2 mA dark ≥ 2.1 mA light
Supply Voltage	5-15 V dc
E xd Rating	EEx ia IIC T6
IP Rating	IP 67

