

PRODUCT DATA SHEET

Reflecting IR Beam Smoke Detector- detection range: 100m - EN54-12

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Code: 4442106 - Item: BF100R



PRODUCT DESCRIPTION

Smoke detection beam made of a Transmitter and a Receiver, capable to detect and determine the quantity of smoke which is present in the protected area. The beam has a serial interface in order to connect up to 16 units to the remote panel (BRC) showing the same indications. EN54-12.

FEATURES AND ADVANTAGES

- The barrier is equipped with an internal device (2-display module) for calibration and checking of the received signal in real time.
- The boards are equipped with an optical viewfinder placed on one side that allows a rough alignment.
- The board performs a self-calibration every 24 hours from the time of first delivery to compensate for any masking caused by dust on the lenses and reflectors.
- Adjustable sensitivity with a DIP switch to get a better intervention threshold according to the working distance.
- The barrier is equipped with alarm, fault and consumption outputs, which allow it to be connected to standard fire control panels.
- The barrier has a serial interface to connect up to 16 units to BRC keypads.
- Selection of models (40-60-100-120) according to the working distance.
- Dimensions (DxLxH): 96 x 159 x 211 mm.
- CPR certification in accordance with EN54-12:2015.

TECHNICAL SPECIFICATIONS

Coverage: from 5 to 100 meters
Power supply range: 11,5 - 27,8Vdc
Maximum power consumption: 10mA
Working Temperature: from -25°C to +55°C
Output: 2 relè (Guasto e Allarme)
Optional: Connection to BRC, Reset with DIP, XFIRE-BF
Type: TX/RX + reflector (20x30 cm)
IP rating: IP64
Dimensions (LxHxP): 159 x 211 x 96 mm
Weight: 750g beam, 960g reflector

CERTIFICATIONS / APPROVALS



EN 54-12