

Description

FDBF100A is an active IR beam; it offers an efficient and economic solution for detecting smoke on big surfaces.

FDBF100A system is made of a transmitter and a receiver which after analysing the signal received by the transmitter, can detect and define the smoke quantity present in the protected area. When the threshold set is exceeded, the detector will produce an alarm condition.

The advanced technology of the product allows it to recognize a signal alteration thus generating a separate indication for faulty unit.

The alignment is easier thanks to the optical view-finder which allows a correct positioning of the two boxes (Tx - Rx) and thanks to the Led-display module showing the signal levels. BF TEST optional kit is necessary for completing and testing the installation.

The system is completed by FDBR100 optional module allowing remote signalling as well as remote working test and alarm reset (up to 4 BF100A barriers for each FDBR100 module).

FDBF100A is in conformity to EN54 norms.

FDBF100A too is subject to a computerized test of all components in order to grant usual reliability.

FDBR100 - Remote Signalling Panel

FDBR100 grants continuous visualization of the beam condition. A series output on FDBF100A allows the connection of remote signalling panel FDBR100.

Move the Led-Display module from FDBF100R beam to FDBR100 module in order to obtain indication of signal level, condition of each connected unit, possibility of resetting, test of FDBF100A (up to 4).

FDBR100 too is subject to a computerized test of all components in order to grant usual reliability of AVS Electronics products.



Specifiche generali

Supply voltage Vdc	12-24
Quiet Current consumption (TX+RX) mA (12 / 24 V)	72 / 92
Alarm Current consumption (TX+RX) mA (12 / 24 V)	76 / 101
Min. range	5 mt
Max range	100 mt
Protected surface sq.m	1500 m2
Alarm output	1
Faulty-unit output	1
Led for system condition	3
Automatic self-calibration	✓
Level of alarms selection	4
Compatibility with optional module BR100	✓
Plastic Housing	✓
Working temperature	+ 5°C/+40°C
Size mm (DxLxH)	96x159x211
Weight gr	1500
In conformity to the Directive EN54	✓

