SensoIRIS BM120

Addressable Linear Optical-Smoke Detector



- Range – 50 to 120 meters
- Sensitivity adjustment through the panel
- Laser pointer for manual fine tuning

SensoIRIS BM120 is an addressable reflective linear optical-smoke detector, compatible with iRIS4, iRIS8 and Simpo X addressable fire alarm control panels. The detector is powered by the loop, or by external power source (24VDC), if needed.

SensoIRIS BM120 comes with 4 reflective plates, which allows a maximum detection efficiency in the range between 50 and 120 meters. BM120 supports auto-calibration of the detection part, while a laser pointer is used to assist the installation by helping the alignment process of the detector.

The sensitivity of the SensoIRIS BM120 could be adjusted over the menu of the fire alarm control panel.

Features

- Loop powered
- External PSU as an option
- Detection range – 50-120 meters
- Coverage area (width) – 15 meters (7,5 m each side)
- Auto-calibration mode
- Laser pointer adjustment
- Sensitivity adjustment over the panel
- IP65 housing

Technical Specifications

Operating Voltage Range	16 - 32VDC (Loop powered)
External PSU (optional)	24VDC +/- 10%
Consumption in alarm state, without RI (loop powered)	<6.5mA
Consumption in alarm state, with RI (loop powered)	<13mA
Consumption in alarm state, without RI (External PS)	<1mA
Consumption in alarm state, with RI (External PS)	<7mA
Operating distance	50-120 meters
Coverage area (Width)	15 meters
Operating temperature	-20 to 60^{0}C
Protection level	IP65
Dimensions	187/120/73mm

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