

Conventional Linear Optical-Smoke Detector



- Range – 50 to 120 meters
- Sensitivity adjustment via DIP-switches
- Laser pointer for manual fine tuning

SensoMAG BM120 is a conventional reflective linear optical-smoke detector, compatible with MAG series conventional fire alarm control panels, as well as third-party conventional systems. The detector is powered by external power source (24VDC).

SensoMAG 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 SensoMAG BM120 could be adjusted via DIP-switches located on the main board.

Features

- External PSU
- Detection range – 50-120 meters
- Coverage area (width) – 15 meters (7,5 m each side)
- Auto-calibration mode
- Laser pointer adjustment
- Sensitivity adjustment via DIP-switches
- Self-compensation algorithm
- IP65 housing

Technical Specifications

External Power supply voltage	24V DC +/- 10%
Nominal Consumption	<5.5mA
Consumption in alarm state, with RI activated	<14mA
Operating distance	50-120 meters
Coverage area (Width)	15 meters
Operating temperature	-20 to 60°C
Protection level	IP65
Dimensions	187/120/73mm