

Combined Fire Alarm Detector



- Integrated automatic drift compensation
- IP30 Protection

SensoMAG M40 is a combined (optical-smoke and rate-of-rise) detector with digital processing algorithm. The integrated automatic drift compensation reduced significantly the false alarms. SensoMAG M40 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.

Features

- Integrated automatic drift compensation
- IP30 Protection
- AIR Class (in accordance with EN54-5/7)

Technical Specifications

Operating Voltage Range	9 - 30VDC (nom. 12/24VDC)
Average current consumption in quiescent state	< 50µA
Alarm state current:	
- with base type B24 and B24D	20mA / 12-30V
- with base type B24RD	33mA / 12V; 49mA / 24V; 57mA / 30V
- with base type B12L/U	18mA / 9V; 29mA / 12V; 32mA / 15V
Output in alarm state at terminal RI (towards terminals +IN / +OUT)	20mA (max) / -3.3V
Wire gauge for terminals	0.4mm ² – 2.0mm ²
Relative humidity resistance	(93 ± 3)% @ 40°C
Weight	170g
Dimensions	102mm x 48mm
Operation temperature	-35°C to +60°C

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