

Optical-Smoke Fire Alarm Detector



- Digital processing algorithm
- IP30 Protection

SensoMAG S30 is an optical-smoke detector with digital processing algorithm. The detector is designed to detect smoke in the very early stage of the fire situation. SensoMAG S30 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.

Features

- Designed to detect smoke in the very early stages of fire
- IP30 Protection
- Digital processing algorithm

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	0.4mm2 – 2.0mm2
Relative humidity resistance	(93 ± 3)% @ 40°C
Weight	160g
Dimensions	102mm x 42mm
Operation temperature	-35°C to +60°C