# SensoMAG S30

## 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 |

Last update: 03/2025

# TELETEK