SensoIRIS M140

Analogue-addressable Fire Alarm Detector

- Combined – Smoke and Heat (rate-of-rise)
- 4 sensitivity levels of the optical part (all certified)
- IP43 when combined with Wet Base

SensoIRIS M140, is an analogue-addressable combined (temperature and optical-smoke) detector, designed for installing in analogue-addressable fire alarm systems supporting TTE communication protocol. The heat part of the detector is rate-of-rise type.

The detector is powered on from the panel and can be controlled via the communication protocol. It is possible to adjust the detector's sensitivity through the panel interface. All sensitivity levels (4 levels) of the SensoIRIS M140 are certified in accordance with EN54-7.

Features

- Heat Class A1R (in accordance with EN54-5)
- Smoke part sensitivity adjustment
- All sensitivity levels are certified (according to EN54-7)
- IP protection level
    - IP30 for the detector only
    - IP43 in when combined with Wet Base
- "Working Hours/Duty time" statistics
- Dust level statistics
- Auto compensation algorithm of the optical-smoke part
- Available also in Black color

Technical Specifications

Operating Voltage Range	15 - 32VDC (Nom. 27VDC)
Consumption in quiescent state, no communication	< 160µA@27VDC
Consumption in quiescent state, with communication	< 200µA@27VDC
Consumption in alarm state, with communication	6.5mA
Output in alarm state at terminal RI (terminals 4/1)	7.5 mA (max)/ 7.5V
Wire Gauge for terminals	0.4mm - 2.0mm
Operating temperature	-35°C to +60°C
Relative humidity resistance	(93 ± 3)% @ 40°C
Weight (including base)	~125g

Last update: 02/2025

TELETEK