

## The optical smoke detector SD-283ST

code: SD280



Optical smoke detector, relay output, connectable to binary input, powered from 12Vdc.

The SD280 detector combines an optical smoke sensor with a heat sensor. Both sensors have their outgoing signals processed digitally, resulting in higher false alarm immunity.

When the detector is used with inserted batteries (3x 1.5 V AA), it can continue operating as a stand-alone detector, when the external 12 V power supply is disconnected.

For application with M13xx Multiloggers please see pdf Manual for connection of detectors in the Download folder.

### Technical data

|                             |                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| Power                       | 9 - 15 V DC / 3.5 mA (150 mA during an alarm) or 3 pcs of AA 1.5 V alkaline batteries (batteries are not included) |
| Smoke detector sensitivity  | m = 0.11 - 0.13 dB / m pursuant to EN 14604:2005, EN 54-7                                                          |
| Smoke detection             | optical light scattering                                                                                           |
| Heat detection              | class A1 according to EN 54-5                                                                                      |
| Alarm temperature           | +60°C to +65°C                                                                                                     |
| Operating temperature range | -10°C to +65°C                                                                                                     |
| Dimensions                  | diameter 126 mm, height 52 mm                                                                                      |
| Weight                      | 150 g                                                                                                              |
| Conformity                  | EN 50130-4, EN 55022                                                                                               |