

## SCN-LSEN1.01

### KNX Leakage sensor KNX



#### Product description:

The MDT Leakage Sensor uses electrolytic alternating voltage measurement to detect conductive liquids. Installation applications for the MDT Leakage Sensor KNX include heating manifolds, boiler rooms, utility rooms and basement rooms, as well as critical areas under terrariums, aquariums or wet rooms. An early alarm in the case of water leakage or seepage helps to avoid major damage.

#### Product functions:

- Floor sensor for detecting water leakage and seepage
- Reliable detection of conductive liquids by means of electrolytic AC voltage measurement
- Alarm object to control/status
- Visual Alarm
- Selectable switch on/switch off delay
- Reset via object or automatically
- Length of the connection cable: 1.40 m
- Protection classification: IP66
- Dimensions (B/H x T): Ø 70 x 24 mm
- Integrated Bus coupler
- 3 year warranty

## Technical data:

|                                 |                                   |                                     |
|---------------------------------|-----------------------------------|-------------------------------------|
| <b>Device</b>                   | Device type                       | SCN Leakage Sensor                  |
|                                 | Article Number                    | SCN-LESEN1.01                       |
|                                 | EAN / GTIN                        | 4251916112271                       |
|                                 | Colour                            | White                               |
|                                 | Diameter                          | 70 mm                               |
|                                 | Height                            | 24 mm                               |
|                                 | Weight, gross (incl. packaging)   | 0.154 kg                            |
|                                 | Protection classification         | IP66                                |
|                                 | Installation type                 | Horizontal installation             |
|                                 | Installation position             | horizontal                          |
|                                 | Weight, net                       | 0.127 kg                            |
|                                 |                                   |                                     |
| <b>Inputs</b>                   | Number of sensors                 | 1                                   |
|                                 | Measured variable                 | Tap water                           |
|                                 | Measurement method                | Electrolytic AC voltage measurement |
|                                 | Minimum detection height          | 1 mm                                |
| <b>KNX</b>                      | Nominal voltage KNX               | 30 V DC SELV                        |
|                                 | Voltage range KNX                 | 21 ... 31 V DC SELV                 |
|                                 | Typical power consumption KNX bus | < 0,3 W                             |
|                                 | KNX Medium                        | TP-256 with long frame support      |
|                                 | KNX Application                   | as of ETS 5 (latest)                |
| <b>Environmental conditions</b> | Ambient operating temperature     | 0 ... 40 °C                         |
|                                 | Storage                           | -20 ... +55 °C                      |
|                                 | Humidity                          | < 95 %                              |
| <b>Connections</b>              | KNX connection type               | KNX bus connection cable, 1.4 m     |
|                                 |                                   |                                     |

## Wiring diagram:

