

# Data sheet

## Leakage sensor LKS-ZD black

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P/N

11032902

EAN 4251394603735

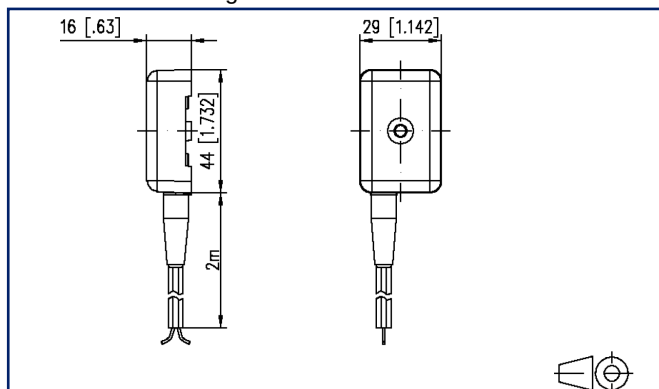
2026/09/23

Version: G

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

Leakage sensors are connected to level monitors such as the ENW-E12 (P/N 110308xx) and MR-LD6 (P/N 11084413) in order to detect conductive liquids in the event of a pipe break, for example. If an electrically conductive liquid (e.g. water) gets between the two electrodes, an electrical connection is created which triggers the alarm on the connected level monitor ENW-E12 or MR-LD6. The LKS-ZD leakage sensor also includes the feature for wire breakage monitoring on the MR-LD6 leakage monitoring device. Color: gray.



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### Technical Data

| Supply                     |                                                   |
|----------------------------|---------------------------------------------------|
| Connection cable           | 2 x 0.75 mm <sup>2</sup>                          |
| Cable length               | 3 m                                               |
| Housing                    |                                                   |
| Dimensions                 |                                                   |
| Dimension (W x H x D)      | 44 mm x 16 mm x 29 mm                             |
| Dimension (W x H x D)      | 1.732 in. x 0.63 in. x 1.142 in.                  |
| Mounting style             | with one screw                                    |
| Material                   |                                                   |
| Material - Housing         | Plastic material, casted PC                       |
| Termination cable          | PVC (two-wire), 3 m                               |
| Electrode                  | stainless steel                                   |
| Color                      | gray                                              |
| Type of packaging          | plastic bag                                       |
| Maintenance                | min. 1 x per year (observe mounting instructions) |
| Climatic Data              |                                                   |
| Operating                  |                                                   |
| Temperature - Operating °C | -20 °C - 50 °C                                    |
| Temperature - Operating °F | -4 °F - 122 °F                                    |
| Relative humidity          | max. 85 % non-condensing                          |
| Storage                    |                                                   |
| Temperature - Storage °C   | -20 °C - 70 °C                                    |
| Temperature - Storage °F   | -4 °F - 158 °F                                    |
| Classifications            |                                                   |
| ETIM 7.0                   | EC002627                                          |
| ETIM 8.0                   | EC002627                                          |
| ETIM 9.0                   | EC002627                                          |
| ETIM 10.0                  | EC002627                                          |

### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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### Accessories from

| P/N        | Designation         |
|------------|---------------------|
| 11030805   | ENW-E12, 230 V AC   |
| 11030810   | ENW-E12, 24 V AC    |
| 11084413   | MR-LD6 Modbus RTU   |
| 1108441370 | MR-F-LD6 Modbus RTU |



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