

Data sheet

Leakage sensor LKS1

Page 1/4

P/N
110329

EAN 4250184121367

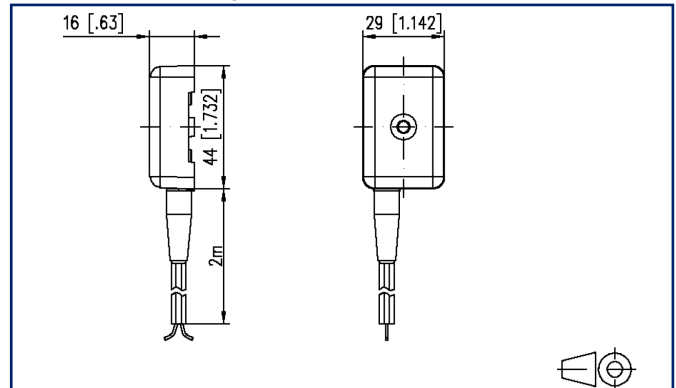
2025/08/19

Version: F

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. Color: Gray.



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Technical Data

Supply

Connection cable	2 x 0.75 mm ²
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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

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Page 3/4

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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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Page 4/4

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