

Leakage detection sensor MAXITOP – LWC-B



- Capacitive detection
- For aggressive electrically conductive liquids
- Positive active alarm
- Auto diagnostic tests with SHR relay
- Wetted parts: all plastics

APPLICATIONS

MAXITOP is ideal to detect the presence of a liquid on floors due to a leakage. With its fail safe detection loop, it is permanently operational.

PRINCIPLE

MAXITOP LWC-B is designed to detect conductive liquids with a reactance up to 5 kOhm/cm and a coupling capacitance towards ground of more than 50 pF. The liquids may not generate electrical insulating or conductive deposit.

MAXITOP LWC-B has 5 different types of connection:

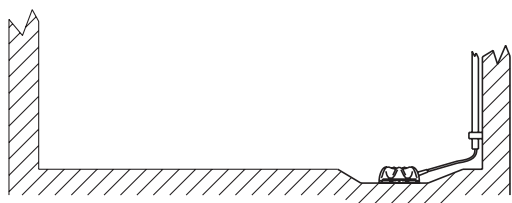
- Low voltage output 50 V AC/DC max.; 0.5 A max.; 10 VA max.
- Output relay to **CST** unit (*data sheet 555-09*)
- Output relay to **SHR** unit (*data sheet 555-06*)
- Direct connection to **PLC**
- Signalization with **TC4** and **TC1** unit (*data sheet 555-07 and 10*)

TECHNICAL FEATURES

Power supply:	15...26 V DC
Power consumption:	Approx. 1 W
Ambient temperature:	-20...+60° C
Housing:	In PBT, protection (<i>acc. EN 60 529</i>)
Cable:	Standard length 6, PVC sheathed, 5x0.5 mm ² , shielded
Detection:	Minimal height of fluid of 1 mm
CE mark:	In accordance with low-voltage directive (2006/95/CE) and EMC directives (89/336/CEE)

CODE NUMBERS AND REFERENCES

Code numbers	Reference	Description
556 500	MAXITOP LWC-B	Floor leakage detector, PVC cable 6 m long



BAMO MESURES

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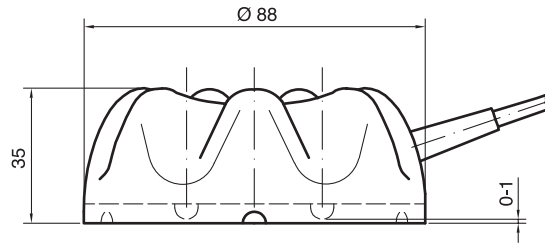
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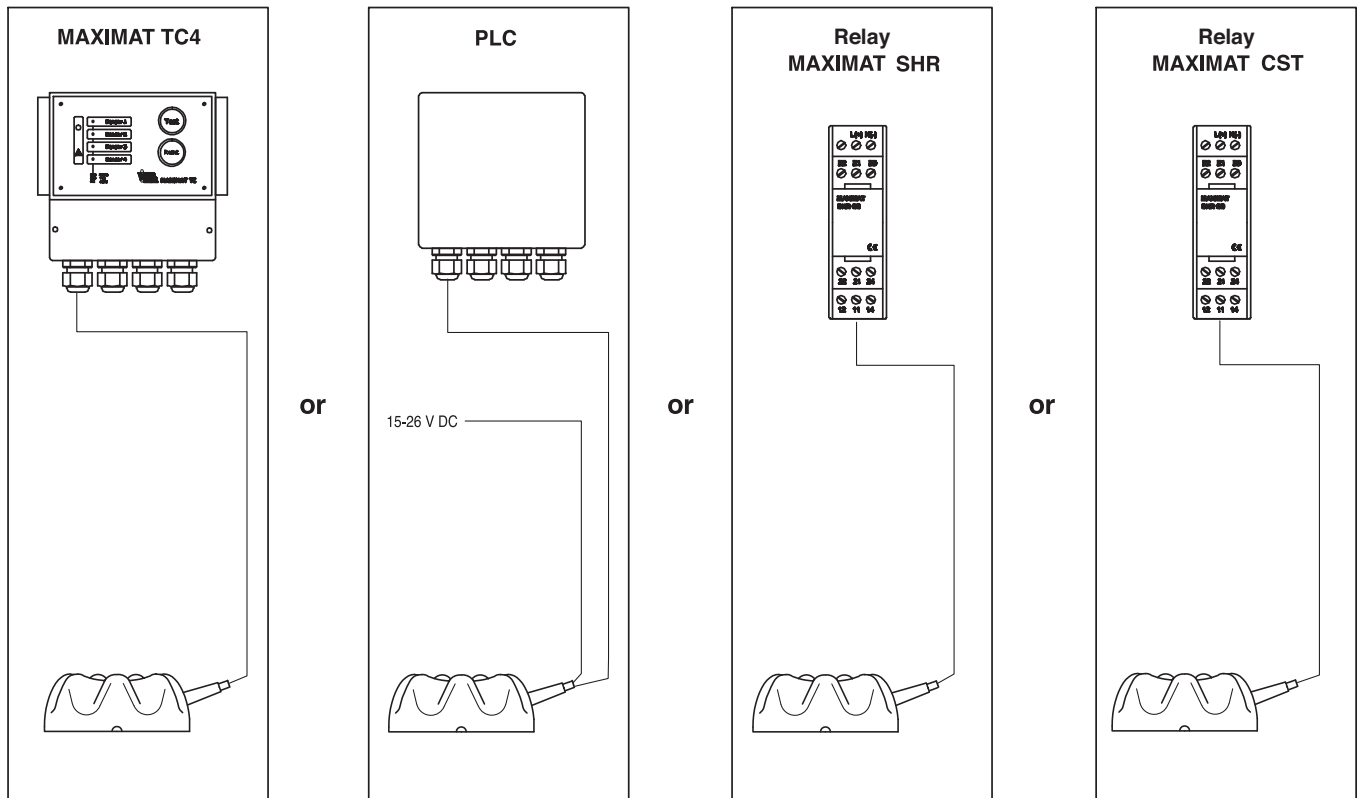
DIMENSIONS



CONNECTIONS



Schematic diagrams of electrical connections
Report to the manual for all details and recommendations



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