

Leak detector on floor MAXIMAT LWC BX



WHG



Bottom view

- All-plastic versions
- Integrated transmitter and connection for test button
- No moving parts
- Floor leak detection
- NPN / PNP interfaces

AGREEMENTS

- General building supervisory approval issued by DIBt: Z-65.40-496
- Certification of Product Approval by SVTI ASIT: KVV-Nr. 321.012.19
- Vlare II (Corcon bvba) certificate: CP0914/3073-HCC001
- GOST-Clearance Certificate: 42 1300/ 9026 10 290 0

APPLICATION

Leak detection in accordance with the German Water Resources Act (WHG) for retention basins and floors where are in use water-polluting, electrically conductive, non-flammable liquids.

DESCRIPTION

MAXIMAT LWC BX compact leak detectors are used to detect leakage or spread water polluting liquids. Due to the short detection height of liquid, about 1mm, even a small leakage quantity is reliably detected. The device is used for leakage detection of water polluting media.

TECHNICAL FEATURES

Detection	Capacitive high-frequency sensor, fail-safe detector
Ambient temperature	-20 ... +60 °C
Operating pressure	Atmospheric; Limits: 0.8 to 1.1 bar
Housing head	PBT, fibre-glass reinforced
Protection	IP67 (not suitable for permanent immersion)
Power supply	15 ... 27 V DC
Consumption	< 1 W
Cable	PVC, 6 m long; 5x 0.34 mm ²
Outputs	Potential-free Reed contact for low voltage (Normally closed, it opens when alarm occurs) Rated: Max. 50 V AC / DC, Max. 0.5 A, Max. 10 VA, convenient for operating with a coupling relay or PLC, signaling device TC4 / TC1 or CST unit. 2-wire alarm output reporting with transmitter MAXIMAT SHR C

Note: Simultaneous use of both outputs is not possible.

Additional function	Connection of an external test button (potential-free contact), for a complete diagnostic of the device integrity (connection loops, electronics).
Connection options	Alarm units: MAXIMAT TC1 / TC4 Coupling relay: CST Transmitter: MAXIMAT SHR C Automation with PLC

EC Conformity: The instrument meets the legal requirements of the current European Directives.

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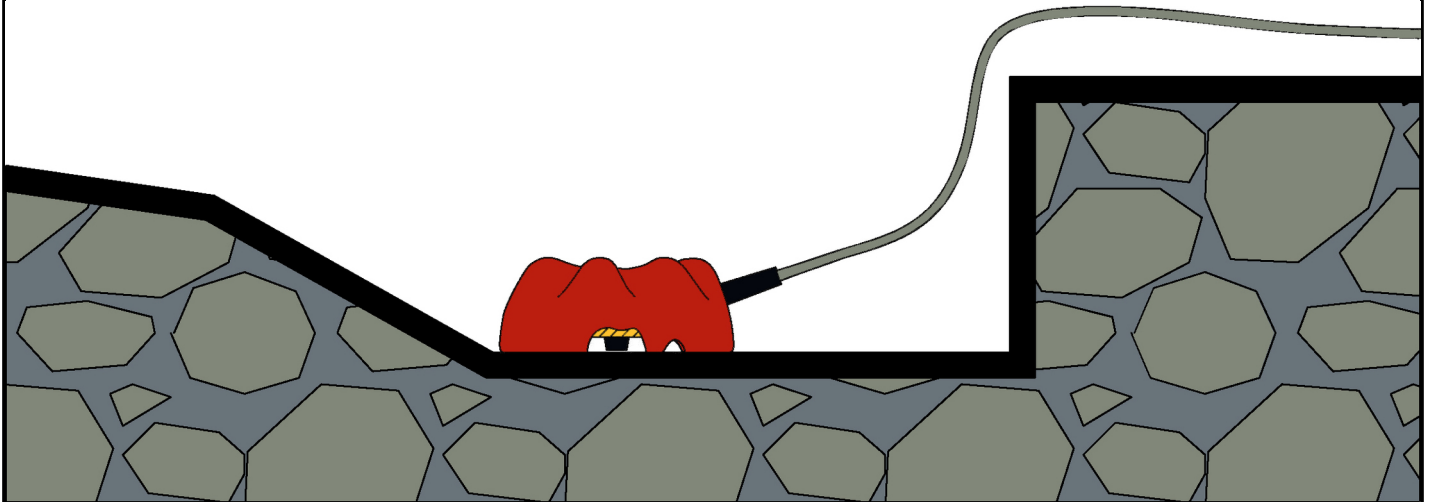
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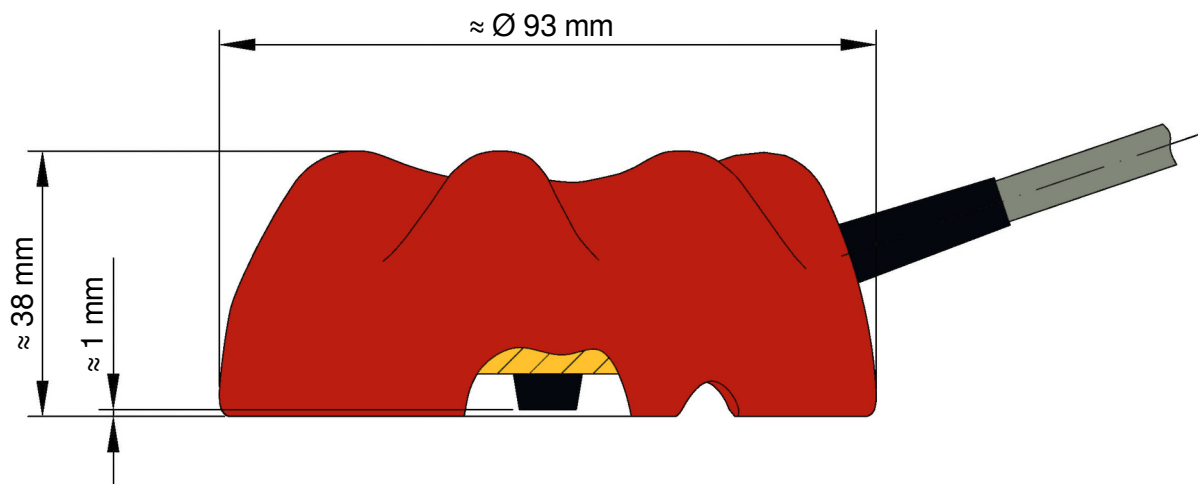
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Examples



DIMENSIONS



CODE NUMBERS AND REFERENCES

Code	Reference	Description
556 910	MAXIMAT LWC BX	Floor leak detector MAXIMAT LWC BX

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