

Leakage detection sensor MAXIMAT® LWC-B



- Floor standing leakage detector
- Capacitive, high frequency, fail-safe detection
- For aggressive and electrically conductive liquids
- Positive active alarm
- Auto diagnostic system and LED indicator

APPLICATIONS

With its integrated transmitter and connection for diagnostic, the MAXIMAT is ideal to detect the presence of a liquid due to a leakage of dangerous and non-flammable liquids in computer rooms, barrel warehouse catch basins.

PRINCIPLE

The transmitter MAXIMAT 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.

The MAXIMAT has 3 different outputs, factory built-in:

- Binary output to active optocoupler, numeric input
- Analog 0...20 mA output for any analog input of PLC

TECHNICAL SPECIFICATIONS

Main power supply: 15 ... 26 V DC; caution: DC current circuit should be protected by a fuse of 250 mA.

Power consumption: approx. 3 W

Ambient temperature: -20 to +60° C

Operating pressure: atmospheric, 0.8 to 1.1 bar

Outputs:

- Switch [+DO / -DO]: optocoupler NPN, maximum 30 mA
- Switch [+AO / -AO]: current 0...20 mA

Configuration: with 4 DIP switches

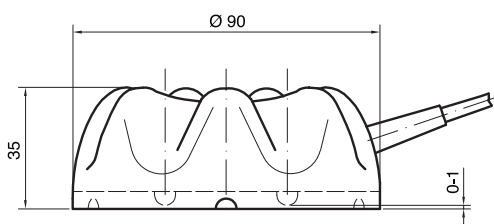
Lighting signal: 1 LED inside the terminal housing for correct operating system

CE mark: in accordance with low-voltage directive (73/23/CEE) and EMC directives (89/336/CEE) and standards EN 50 082-2: 1995, EN 55 011 (class A): 1998

DIBT Approval: Z-65.40-316, for leakage detection, WHG§19

CODE NUMBERS AND REFERENCES

Code	Reference	Description
555 510	LWC-B-6	Compact leakage sensor with 6 m cable



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