**Operating Instruction** 

Leakage Sensor **MAXIMAT<sup>®</sup> LW CN-SDR** WHG §19 approval: DIBt-No.: Z-65.40-316





## MAXIMAT LW CN-SDR. with mounting part \*) AG25. E

\*) (also available with cement fitting or fitting for welded spigot joint ET25. E )

## **Safety Precautions**

- Assembly, commissioning and servicing may only be performed by specialist personnel! Applicable European and national regulations for erection of electric systems must be complied with.
- Connect the device only to the power supply voltage indicated in the technical data and on the nameplate.
- Do not open up the casing!
- In case of assembly or maintenance work, the device must be disconnected from all currents!
- Operate the device only under the conditions defined in the operating instructions!

90 mm

## **Technical data**

length (sealing to sensor) process connection ambient temperature connection head process temperature

thread G1" -20°C ... +60°C IP65 with PG9 cable gland PVC-version: -5 ... +60°C PE-version: -5 ... +60°C material: GK (glass-carbon)

sensor u. reference electrode

Note: handle with care ! FRAGILE !

# **Technical data**

# Leakage sensor MAXIMAT LW CN-SDR Power supply

24 V DC ± 10 %

use power supply unit with current limiting or

### 250 mA fuse Power consumption

# approx.. 3W

Ambient temperature

-20 ...+60<sup>0</sup>C

Output

- Current output for meas. Transducer MAXIMAT SHR C..
- binary output: +DO / -DO max. 30 mA / 24V
- current output: +AO / AO 0 ... 20 mA

## CE labels

In accordance with Low Voltage Guidelines (72/23/EEC), EEC Guidelines (89/336/EEC) and

- EN 50 082-2:1995
  - EN 55 011 (Class A):1998
- WHG §19 approval
  - DIBt-No.: Z-65.40-316

## Servicing

When used properly, the device needs no servicing. Clean mounting part AG/EG25 and sensor electrode after a leakage alarm.



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## electrical connection: MAXIMAT LW CN-SDR



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### Periodic Testing per WHG §19

The measuring probes must be tested for correct functioning at reasonable intervals, and in any case no less than once a year. It is the sole responsibility of the user to select the utilised test type, as well as a testing interval within the prescribed timeframe. Observe the instructions included in the pamphlet "General Building Supervisory Approval", a copy of which is provided with every measuring probe which requires approval!

### Function Test: Before Installation and Initial Start-Up, and During Inspection



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