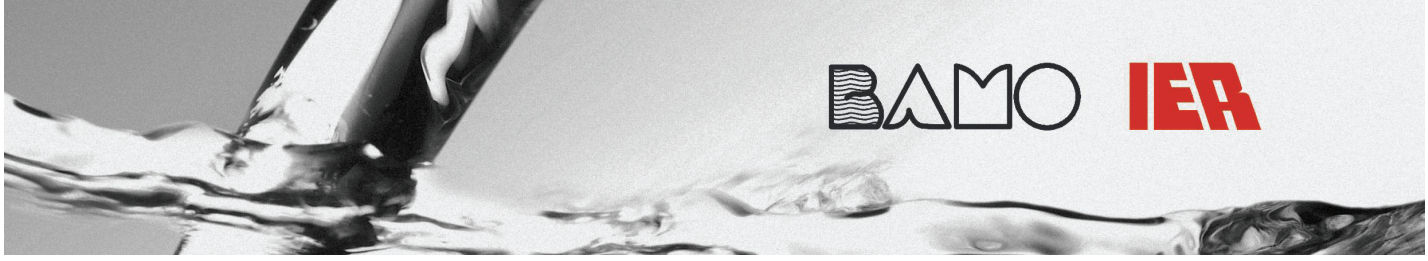


MAXIMAT LWC-B Leakage Sensor **(bottom electrode)**

Safety Precautions

- Installation, initial start-up and maintenance may only be performed by trained personnel! All applicable European and national regulations regarding installation of electrical equipment must be adhered to.
- The device may only be connected to supply power which complies with the specifications included in the technical data and on the serial plate!
- The device must be disconnected from all sources of power during installation and maintenance work!
- The device may only be operated under the conditions specified in the operating instructions!

Functions Description

The MAXIMAT LWC-B leakage sensor (bottom electrode) is used for leakage detection in catch basins and catch spaces.

It is equipped with three different output circuits:

- Binary output for controlling a coupling relay
- 0 to 20 mA current output for controlling an analogue input channel, e.g. a programmed logic controller (PLC)
- Self-monitoring measuring circuit in combination with the MAXIMAT SHR C measuring transducer with 2-wire connection

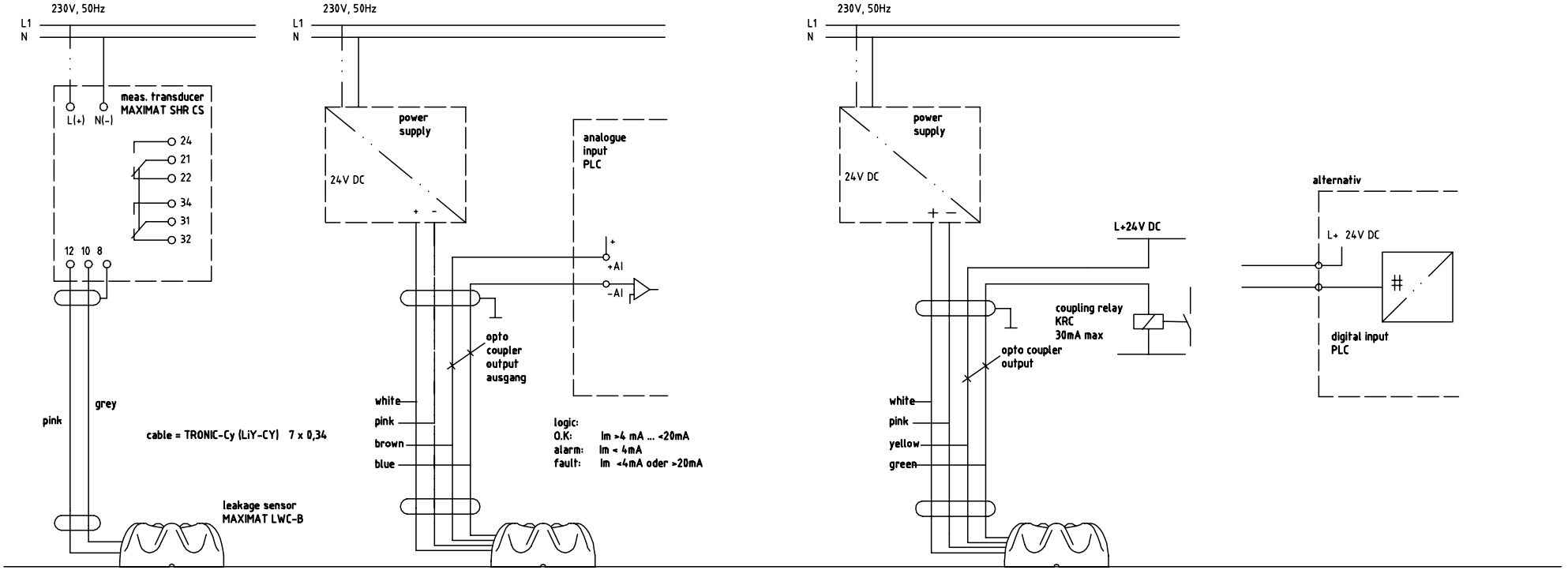
Technical Data

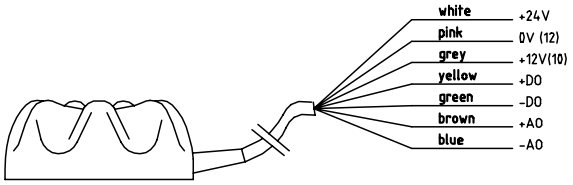
Supply Power
24 V DC ± 10%
Power supply with current limiting or 250 mA fuse recommended
Connected Load
Approx. 3 W
Ambient Temperature
-20 to +60 ° C
Outputs
Binary output: +DO / -DO, max. 30 mA
Supply 24 V , Output voltage approx- 18V
(Suggestion: use KRC coupling relay)
Current output: +AO / -AO: 0 to 20 mA
Output for MAXIMAT SHR C measuring transducer
Measuring Circuit for Use with SHR C Measuring Transducer
Max. cable inductance: approx. 5 mH
Max. cable capacitance: approx. 0.5 µF
Measuring Circuit Cable Length
Max. 300 m
Min. wire cross-section: 0.5 square mm
DIBT Approval
Approval no. Z-65.40-316 for overfill inhibitors and leakage sensors in accordance with WHG §19
Note:
The accompanying “General Building Supervisory Approval no. Z-65.40-316” is an integral part of the operating instructions and all stipulations contained therein must be adhered to!

CE-Mark:

CE Mark
In accordance with low-voltage directive2006/95/EG and
EMC directive (89/336/EWG)

Electrical connection





Note!
Connect unused conductors
to vacant terminals or
insulate individually!