

## Accessories

Stand-alone transducer with 5 relay outputs.

### UM-X

The control unit in a field housing for continuous level sensors

With the UM-X transducer in a field housing, we offer a convenient, stand-alone display for your level measurement. It has five relay outputs, all of which have freely configurable switching thresholds. The compact design and the possibility of connecting directly to 230 V makes it easy to handle and install even outside a control cabinet.



#### Technical data

##### Operating data:

- Auxiliary power: 230 V<sub>AC</sub>, 115 V<sub>AC</sub>, 24 V<sub>DC</sub> or 24 V<sub>AC</sub>
- Maximum power input: <5 W, <8 VA
- Ambient temperature: -20 °C to +50 °C
- Protection class: IP64

##### Sensor electrical circuit:

4 to 20 mA; U<sub>Nenn</sub> = 24 V; short-circuit-proof

##### Output:

Five relays each with potential-free changeover contact

- Load: AC: U ≤ 250 V, I ≤ 5 A, P ≤ 100 VA  
DC: U ≤ 250 V, I ≤ 250 mA, P ≤ 50 W

##### Dimensions in mm:

H 130 x W 180 x D 50

#### Order numbers

Variant	Description	Order code
UM-S	Standard field display, 230 V <sub>AC</sub>	908046
UM-S	Standard field display, 24 V <sub>DC</sub>	908047
UM-O	Approved as overfill prevention device in connection with TORRIX, 230 V <sub>AC</sub>	908044
UM-O	Approved as overfill prevention device in connection with TORRIX, 24 V <sub>DC</sub>	908050
UM-Ex	Intrinsically safe sensor circuit (Ex ia), 230 V <sub>AC</sub>	908043
UM-Ex	Intrinsically safe sensor circuit (Ex ia), 24 V <sub>DC</sub>	908049
UM-O Ex	Intrinsically safe sensor circuit (Ex ia) and approved as overfill prevention device in connection with TORRIX, 230 V <sub>AC</sub>	908045
UM-O Ex	Intrinsically safe sensor circuit (Ex ia) and approved as overfill prevention device in connection with TORRIX, 24 V <sub>DC</sub>	908048

115 V<sub>AC</sub> and 24 V<sub>AC</sub> on request.

#### UM-X in brief

- Easy menu-driven graphical user interface
- Can be used with all sensors with a 4-20 mA interface
- Intrinsically safe electrical circuit with ATEX approval (Ex ia)
- Combined with TORRIX, approved as an overfill prevention fulfilling the requirement of the German Water Resources Act (WHG)
- Pump control (alternating)
- Continuous displaying the filling level
- Filling levels can be displayed in mm, inches, % or mA