



Process Automation



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Level Sensors | Level Switches | Overfill Prevention
Pressure Sensors | Temperature Sensors

Sensors and Systems: www.fafnir.com



Accurate



Flexible



Reliable

UM-X

The Standalone Measuring Transducer for Continuous Level Measurement

In field housing, the UM-X offers a convenient, stand-alone display for your level measurement.



Main Features and Benefits

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

UM-X – Technical Data

Operating data

Auxiliary power 230 V_{AC}, 115 V_{AC}, 24 V_{DC} or 24 V_{AC}

Maximum power input <5 W, <8 VA

Ambient temperature -20 °C to +50 °C

Protection class IP64

Accuracy 0.1 % (4 to 20 mA)

Sensor electrical circuit 4 to 20 mA; U₀ = 28 V; short circuit proof

Output

Five relays each with potential-free changeover contact AC: U ≤250 V, I ≤5 A, P ≤100 VA; DC: U ≤250 V, I ≤250 mA, P ≤50 W

Dimensions (mm) H 130 x W 180 x D 50





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