



Process Automation



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Level Sensors | Level Detectors | Overfill Prevention



Accuracy



Flexible



Reliable

Sensors and Systems: www.fafnir.com

UM-X

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
- + Compatible for use with all sensors with 4 ... 20 mA interface
- + Intrinsically safe electrical circuit with ATEX approval (Ex ia)
- + In combination with TORRIX, approved as 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 ... +50 °C

Protection class IP64

Accuracy 0.1 % (4 ... 20 mA)

Sensor electrical circuit 4 ... 20 mA; U₀ = 28 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 (mm) H 130 x W 180 x D 50



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