# **HUB-40EX HAZARDOUS AREA RATED FLOW SENSOR**

Ideal for any industry or flow measurement application where an explosion-proof sensor is required, such as in chemical injection, hydraulic fracturing, or industrial paint spray booths.



### **BENEFITS**

## Up and Running in Minutes

Easy thread-in installation. A quick setup procedure allows you to have the sensor working with just a few simple installation steps.

#### Flexible Mounting

Because of the integral swivel union, the HUB-40EX unit can be rotated 360° for easy wiring. Options available to fit any AW Gear Meter or Turbine Meter.

#### Weather-Proof Enclosure

NEMA 4X enclosure provides environmental protection from moisture and debris.

#### Built-In Protection

The signal outputs are protected by a selfresetting fuse with a 50 mA nominal trip point.

#### **FEATURES**

- Choose from Hazardous area certification options including: cCSAus or ATEX/IECEx
- Square wave output signal has a duty cycle of approximately 50%.
- For use with all AW-Lake EX flow meters.

## **TECHNICAL SPECIFICATIONS**

#### Supply Voltage 10-24 VDC

## Supply Current

- 8 mA @ 12 VDC
- 12 mA @ 24 VDC
- · 65 mA Maximum

#### Sensor/Monitor Frequency Output

Flow dependent, 0.5 Hz minimum

#### Output Amplitude

- V<sub>HIGH</sub> = V<sub>SUPPLY</sub> 0.7 Volts
  V<sub>LOW</sub> = 0 Volts

#### **Duty Signal**

50% ± 15%

#### Connections

- Terminal block, 1/2" female NPT conduit entrance
- · Cable with 1/2" male NPT

## **Enclosure Rating**

TYPE 4X

#### cCSAus Certification

- · Class I, Div. I, Groups C, D
- · Class II, Div. I, Groups E, F, G
- · Class III

#### **ATEX Certification**

II 2 G, Ex d IIB+H, T5 Gb, Ta =  $-40^{\circ}$ C to  $+60^{\circ}$ C

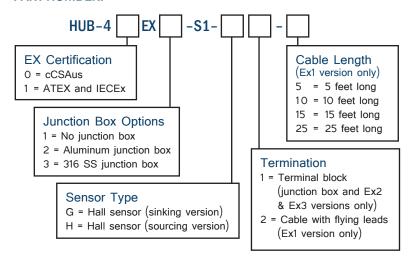
#### **IECEx Certification**

Ex d IIB+H<sub>2</sub> T5 Gb Ta =  $-40^{\circ}$ C to  $+60^{\circ}$ C

#### Temperature Ratings

- -20 to 60°C (-4 to 140°F)
- 85°C (185°F) maximum fluid temperature

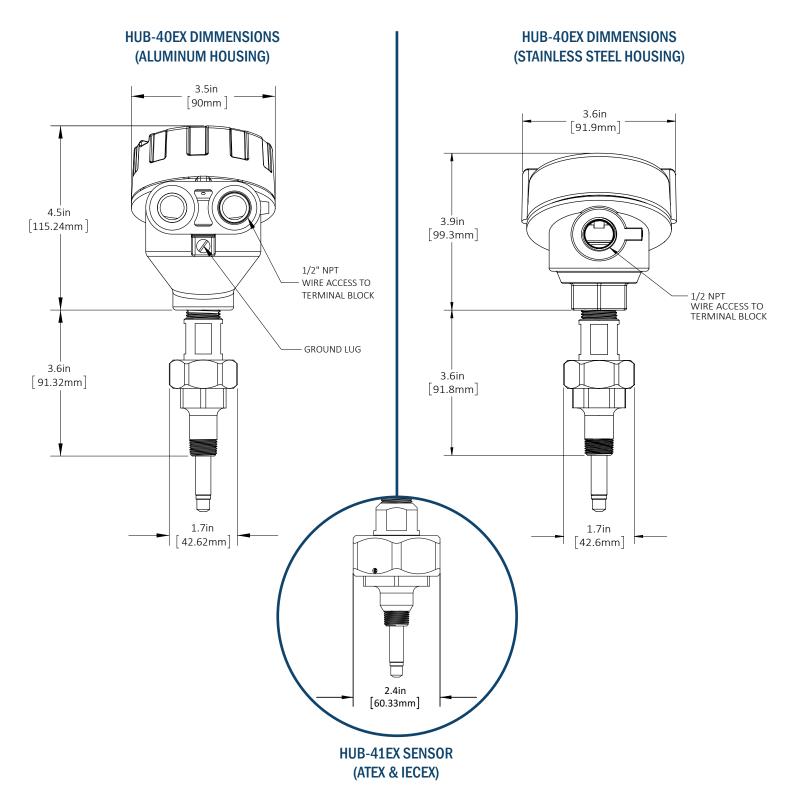
## PART NUMBER:





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Products may be subject to change without notice - Contact factory for the most up-to-date product information.

