

HUB-40 FLOW SENSOR

Ideal for any industry or flow measurement application where a non-hazardous sensor is required, such as in hydraulic systems.



FEATURES

- Square wave output signal has a duty cycle of approximately 50%.
- For use with most meter sizes of the following AW-Lake flow meters:
 - JVM-xxx gear meters
 - JVS-xxx gear meters
 - JVHS-xxx gear meters
 - ZHM-xxx gear meters
 - HPM-xxx turbine meters
 - HM-xxx turbine meters
 - TRG-xxx turbine meters
 - SRZ-xxx gear meters

TECHNICAL SPECIFICATIONS

Supply Voltage
10-24 VDC

Supply Current

- 8 mA @ 12 VDC
- 12 mA @ 24 VDC

Sensor/Monitor Frequency Output
Flow dependent, 0.5 Hz minimum

Output Amplitude

- $V_{HIGH} = V_{SUPPLY} - 0.7$ Volts
- $V_{LOW} = 0$ Volts

Duty Signal
50% ± 15%

Connections Available

- 3 pin connector
- Flying leads
- Junction box with terminal block
- JST Connector

Temperature Ratings

- -20 to 85°C (-4 to 140°F)

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-40 unit can be rotated 360° for easy wiring. Options available to fit any AW Gear Meter or Turbine Meter.

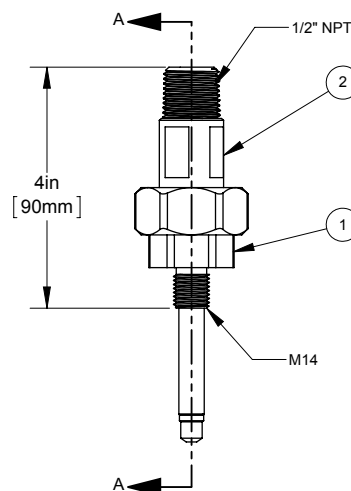
Weather-Proof Enclosure

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

Built-In Protection

The signal outputs are protected by a self-resetting fuse with a 50 mA nominal trip point.

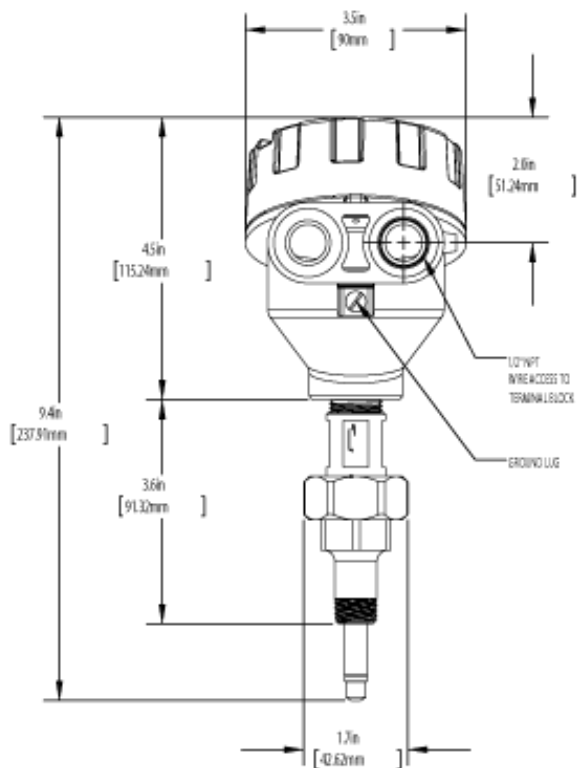
HUB-40 DIMENSIONS



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HUB-40 DIMENSIONS



PART NUMBER:

HUB-40 SD [] - S [] - [] - XXXX (SPECIAL CASE, RUNNING NUMBER)

Junction box options
 1 = No junction box**
 2 = Limatherm Junction Box

Housing Material
 S = 316ss

Meter side thread type
 1 = 3/8" NPT connection
 5 = M14 connection (for standard meters)

Sensor type
 G = Hall sensor (sinking version)
 H = Hall sensor (sourcing version)
 C = Carrier sensor
 M = Inductive sensor

Termination
 C = Customer connection (only for customer supplied junction box)
 1 = Terminal block (only choice for Limatherm junction box version)
 2 = Flying leads***
 3 = Leads w/JST male connector***
 4 = 3 pin connector

** JUNCTION BOX NOT SUPPLIED BY AW-LAKE OR CUSTOMER MAY BE ATTACHED REFER TO USER MANUAL.
 ***SPECIFY WIRE LENGTH (INCHES)

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