

FAC-S ANALOG OUTPUT SENSOR – WITH BLUETOOTH

Ideal for use with all AW Gear Meter and Turbine flow meter applications requiring an analog output.



BENEFITS

Bluetooth

These pickups are equipped with Bluetooth for easy trouble-shooting and setup using our "AWL Mobile Toolkit" App.

Setup Options

Choose from the "AWL Mobile Toolkit" application on a mobile device, the AW-Lake Toolkit PC software, or the local switches on the device to set your parameters.

Flexible

The pickup nose on the FAC-S is spring-loaded for constant contact between the sensor and meter, even when vibration is present in the system. This design also ensures against overtightening.

Linearizer

To improve output accuracy with some flow meters which are non-linear, a 10-point linearization table can be utilized through the Bluetooth app.

Wireless Hand-Held Display

Using the Bluetooth mobile app on your phone, you have a wireless flow monitor in your hand!

Streamlined Setup

The Bluetooth app makes setup and scaling much easier, because no longer do you need to walk from the device to your monitoring equipment when fine-tuning your adjustments.

APPLICATIONS

The FAC-S Analog Output Sensor is ideal in general applications when sending an analog signal to a PLC or other control system.

FEATURES

- Analog output signal defaults to 4–20mA and 0–10V (0–5V, 1–5V & 2–10V available through PC Toolkit or "FAC Terminal" mobile app)
- Excellent linearity, high temperature stability and long-term stability
- Powered by 10–28VDC
- 16-bit analog output resolution
- Bluetooth enabled for wireless setup from a mobile device

TECHNICAL SPECIFICATIONS

Supply Voltage Range

10–28Vdc

Analog Output Options

4–20mA & 0–10V – Default
0–5V, 1–5V & 2–10V – Available through PC Toolkit or "FAC Terminal" mobile app

Standard Max Output

+2.5% of max scaling (20.5mA/5.125V /10.25V)

Error Indication

+10% of max scaling (22mA/5.5V/11V)

Analog Output Resolution

16 bit

Analog Output Update Time

25mSec minimum

Ambient Temperature

–40°F to 185°F (–40°C to 85°C)

Available Pickups

Carrier frequency, hall effect, inductive

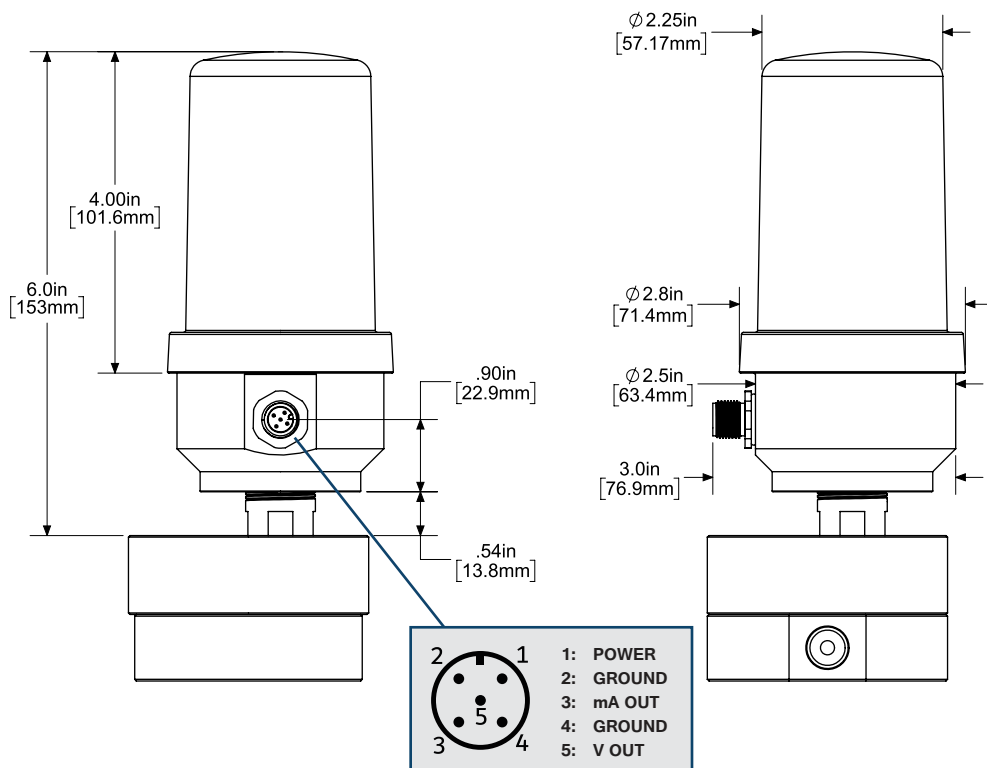
MATERIALS OF CONSTRUCTION

Body	Aluminum
Cover	Lexan®
Sensor	Aluminum
Seal	FKM

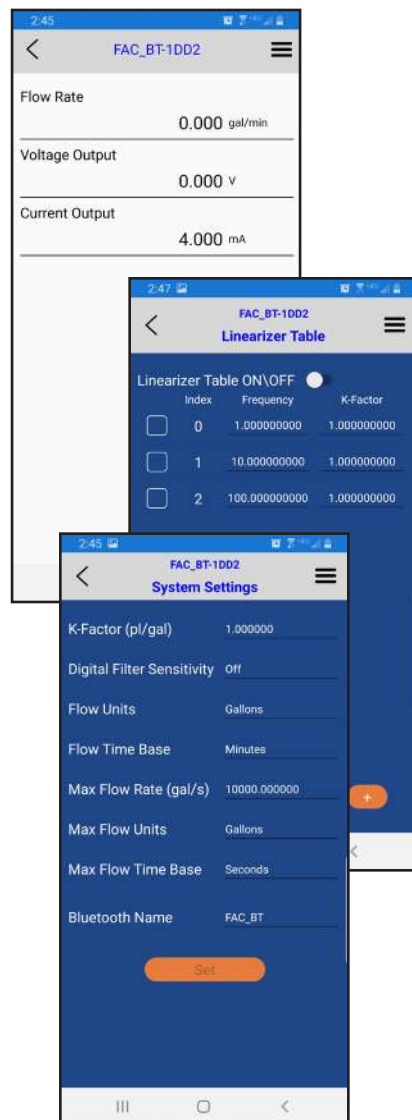
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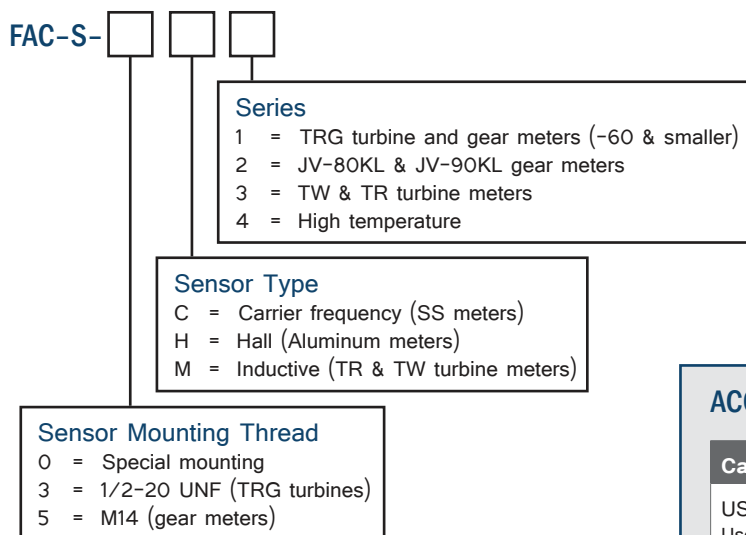
DIMENSIONS



MOBILE APP



PART NUMBER GUIDE



ACCESSORIES

Cables

USB-SERIAL-4PIN

Used to connect unit to a PC to access the Toolkit for programming and setup.

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