

FUZYPRO "Mini Sonic" Ultrasonic Transmitters - Standard Mtg.

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FEATURES

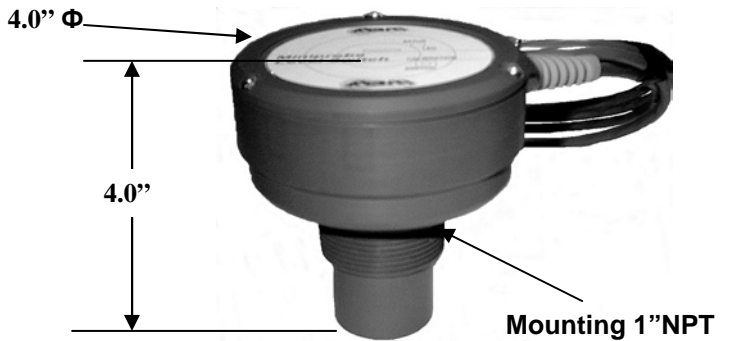
- Standard 5 feet of interconnection cable
- Simple push-button calibration
- Output 4- 20 mA / 20- 4 mA
- Built-in temperature compensation
- Optional High Level Alarm relay dual pole output 5A/230 Vac
- Optional RS485 communications with calibration, diagnostics and data logging software
- PLC compatible
- Three Wire Operation

APPLICATIONS

- Food and Beverages
- Water
- Pharmaceutical

Mounting Options

Mounting Adaptors Available:
 1"- 3/4" NPT or 1"- 1/2" NPT



OPERATIONAL

- Accuracy : +/-0.10% of max. range (in lab using 4-20 Ma current output)
 +/-0.25% of max. range (typically in field)
- Beam Angle : 10 - 12 degree at -3dB
- Loss of Echo: Programmable from 1 min. to 4 min. (Default = 1 min.)
- 22mA or 2 mA output
- Temp. Comp.: In transducer
- Calibration : Push-button or programmable via optional communications port
- Diagnostics :(Echo Profile) via communications port
- High Level Alarm 5A. Relay has hysteresis and delay of 5% of the tank height , this can be adjusted using communications software. Relay's state changes at 20mA calibration point or at 4 mA calibration point. To switch the above "push-button" or "communication software" can be used . Using push-button press and hold until the light goes off. Continuous green light indicates alarm at 20mA. ,blinking green indicates alarm is 4 mA. Relay "ON" set point is adjustable using communications software.

ENVIRONMENTAL

- Temperature : - 40 to 140°F(- 40 to 60°C) PVC Body
- Pressure : 1 –10 bar
- Installation Category : Class II

CATALOGUE # - On the Web return to Home Page & Refer to Catalogue Number Structure for Ordering information. In Product Documentation refer to page 3.

MECHANICAL

- Std. Interconnection Cable :**
 - 5'- Belden #9503 : 3 Pair-24AWG
 - 1) Supply : 12 - 30 Vdc 1 pair shielded (Red/Blk.)
 - 2) Output : 4 - 20 mA 1 Pair shielded (Blk./Green)
 - 3) Comm.:RS485 (optional) 1 Pair Shielded (Blk./Wht.)

- Optional Relay Cable :**
 - 5'- Belden #9493 :3-18 AWG unshielded
 - 1) Relay (optional) DPST 5A /230Vac
- Enclosure : PVC-94V0**
 Ingress Protection : NEMA 4X (IP65)

ELECTRICAL SPECIFICATIONS

Power DC FUM300	12 to 30 VDC , 0.07 A max @ 24 Vdc R load = (Vs — 6) / 24 mA
Output	4-20 mA Output 6.1 uA resolution
Optional	- communications port RS485 - Relay DPST 5A / 230 Vac

TECHNICAL SPECIFICATIONS

Range Code	Operating Range in Liquids	Resolution	Mounting NPT
148	0.33 - 6 ft. 0.10 - 1.8 m	0.03" 0.7 mm	1"