

FUZYPRO 3 & 4 Wire Self Compensating **Ultrasonic Transmitters Standard Mtg.**

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FEATURES

Simple push-button calibration (Accurate)
Output 4-20 mA /20-4 mA
(Isolated on 4 Wire Model's only)
Built-in temperature compensation
Optional RS232 or RS485
Communications with calibration ,
diagnostics and data logging software
PLC compatible (Modbus RTU)
Three or Four Wire Operation
Self cleaning operation of sensor face



APPLICATIONS

Food and Beverages
Water / Wastewater
Chemicals ,Oils
Solids (Models 25U, 45U Below)
Solids Range Approx. 1/2 of liquid

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

TECHNICAL SPECIFICATIONS

Range Code	Operating Range In Liquids	Resolution	Mounting
025	1.4 - 90 ft. 0.40 - 27.4m	0.41" 10 mm	6.0"/1.0" NPT
045	1.0 - 60 ft. 0.30 - 18.2 m	0.27" 6.8 mm	3.0" NPT
052	0.9 - 50 ft. 0.27 - 15.2 m	0.23" 5.7 mm	3.0"/2.0" NPT
070	0.8 - 30 ft. 0.24 - 9.1 m	0.13" 3.4 mm	3.0"/2.0" NPT
080	0.7 - 20 ft. 0.21 - 6.1 m	0.088" 2.2 mm	3.0"/ 2.0" NPT
081	0.6 - 16 ft. 0.18 - 4.9 m	0.07" 1.8 mm	3.0"/1.5" NPT
148	0.4 - 9 ft. 0.12 - 2.7 m	0.04" 0.98 mm	3.0"/1.0" NPT

MECHANICAL

Conduit Entry : 1/2" NPT Hole (PVC conduit only)
Enclosure : PVC-94V0
Ingress Protection : NEMA 4X (IP65)

ENVIRONMENTAL

Temperature : Std. Unit - 40 to 140°F (-40 to 60°C)
Optional :Teflon transducer - 40 to 266°F (-40 to 130°C)
Pressure : Max. 2 bars
Approvals : Entela Certified File #8294
- CAN/CSA C22.2 No. 1010.1-M92 +A2,
- IEC 61010-1:90 + A1:92 +A2:95
- UL 61010A-1(2002)
- ABMXXX Series-25U Approvals Pending

Installation Category : Class II

OPERATIONAL

Accuracy : +/-0.1% of max. range (in lab using 4-20 mA current output)

+/-0.25% of max. range (typically in field)

Beam Angle : 6 -12 degrees at -3dB

Loss of Echo : Hold 1 min., 22mA or 2 mA output

Temp. Compensation : In transducer

Calibration : Push-button or programmable via optional communications port.

Diagnostics : (Echo Profile) via communications port

ELECTRICAL SPECIFICATIONS

Power	FUL400	AC	115 VAC 60 Hz or 230 VAC 50 Hz (+/-20%) , 1.7 VA
	FUL300	DC	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		
	750 Ohms (Isolated on 4 Wire only)		
	Optional RS232 or RS485 communications port.		