Panametrics

Datasheet



WT Transducer

Panametrics Ultrasonic Transducers for Liquid Flow Measurement

Applications

The WT ultrasonic transducers are designed for flow measurements in wetted liquid flow installation for fluids such as hydrocarbons, oils, and water.

PANA098DS Rev. 2

Technical **Specifications**

Service	Liquid
Materials	Stainless Steel
Frequency	1MHz or 2MHz
Mounting	• 1" NPTM (1MHz only) • 3/8" NPTM (2MHz only)
Design	• Standard (for use with Panadapta plug) • Extended well (or direct insertion)
Temperature Range	-40 TO +175°C (-40 TO +347°F)
Connection	• Standard (BNC) • Optional (Isolated BNC, Submersible, Isolated Submersible)
Hazardous Area	• USA/CAN Div1, Cl1, Group BCD • ATEX II 2 G Hazardous location • IECEx Hazardous location • Other certification upon request
Other	Typically used with Panadapta plug and pipe couplings (nozzles)

WT Transducer Part Number

Model
- WT — WT Liquid Flow Wetted Transducers

Size/Mounting
- 1/1P — 1" NPTM threaded connection
- 3/8P — 3/8" NPTM threaded connection

Frequency
- 10 — 1 MHz
- 20 — 2 MHz

Extended Well
- 00 — No (standard design)
- EW — Extended well version

Temperature Range
- NT — -40 TO +175°C (-40 TO +347°F)

Connector
- B — Standard BNC
- I — Isolated BNC
- U — Submersible
- UI — Isolated submersible

Junction Box
- 00 — No junction box
- UX — Explosion proof/flame proof aluminum enclosure
- UXSS — Explosion proof/flame proof stainless steel enclosure

Certification
- 00 — No certification (Non-hazardous installation)
- 01 — USA/CAN Div1, CL1, Group B-D location
- 02 — ATEX II 2 G Hazardous location
- 03 — IECEx Hazardous location

Miscellaneous
- 0 — None
- S — Special requirement

WT	-	1/1P	-	10	-	00	-	NT	-	B	-	UX	-	02	-	0

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