



WT

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.

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, CII, 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, CII, 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

Panametrics, a Baker Hughes business, provides solutions in the toughest applications and environments for moisture, oxygen, liquid and gas flow measurement.

Experts in flare management, Panametrics technology also reduces flare emissions and optimizes performance.

With a reach that extends across the globe, Panametrics' critical measurement solutions and flare emissions management are enabling customers to drive efficiency and achieve carbon reduction targets across critical industries including: Oil & Gas; Energy; Healthcare; Water and Wastewater; Chemical Processing; Food & Beverage and many others.

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