HARDWARE

Small Pipe Transducer Assembly Model 7622/7665

About Accusonic

Accusonic Technologies, a division of ADS LLC, designs and manufactures ultrasonic transit-time flow measurement systems that are renowned for their precise accuracy and reliability in difficult operating environments. Accusonic flowmeter systems can be found in hydroelectric plants, thermal power plants, water and wastewater treatment facilities, sewage collection systems, and other types of water flow conveyance pipelines and channels. With over 35 years of experience and over 2500 systems installed worldwide, Accusonic offers a full range of services including installation, system integration, turbine performance testing services, and field training.

Typical installation of the Accusonic Technologies' Model 7622/7665 Transducer/Feedthrough Assembly.

The Model 7622 is a PVC transducer designed for use with the Model 7665 Feedthrough on smaller pipeline applications. The 7622/7665 assembly, which is designed for external installation, may be directly tapped into dewatered pipes without the requirement for a special spool piece.

The Model 7665 contains a ball valve which allows for complete removal of the 7622 transducer (including the transducer face) for repair, replacement, or cleaning without de-watering the pipeline.

The Model 7622/7665 is ideal for use on smaller iron or steel pipes with pipe walls ranging from 3/8" to 1/2" thick. The assembly is well suited for pipelines with no internal access.

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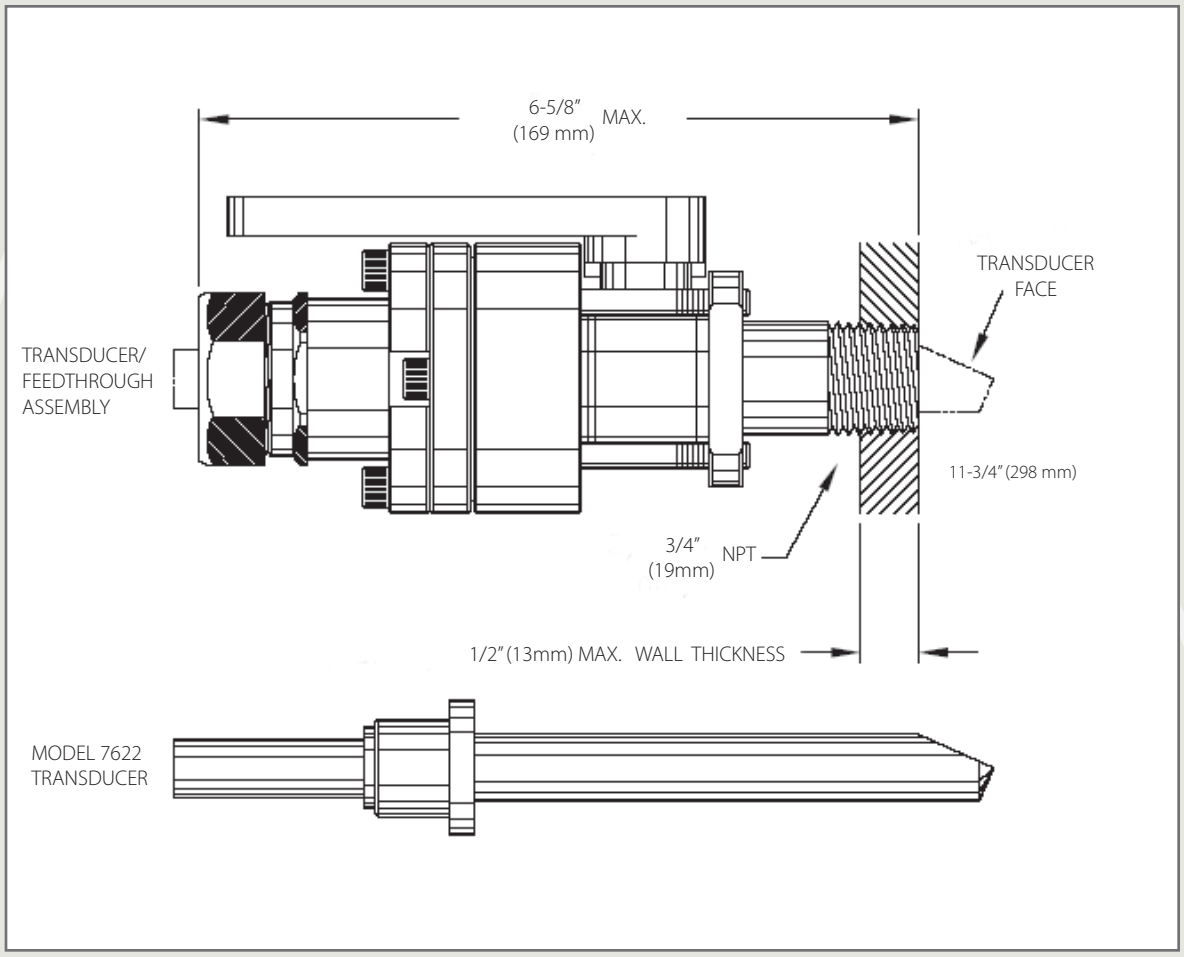
DESIGN SPECIFICATIONS

Operational Frequency:	1 MHz
Pipe Diameter:	12 in. - 36 in. (300 mm - 1000 mm)
Maximum Service Pressure:	100 psi (7 bar)
Temperature Limits:	32⁰ to 122⁰ F (0⁰ to 50⁰ C) Operating
	14⁰ to 122⁰ F (-10⁰ to 50⁰ C) Storage
Construction Material:	PVC

DIMENSIONAL DATA

Feedthrough Hole Diameter:	0.75 in. (19 mm) (NPT)
Minimum Pipe Wall Thickness:	3/8 in. (9 mm) iron or steel; Modified systems are available for thicker pipe wall applications. Contact Accusonic with pipe dimensions.
Maximum Pipe Wall Thickness:	1/2 in. (13 mm); Modified systems are available for thicker pipe wall applications. Contact Accusonic with pipe dimensions.

Contact Accusonic Technologies for information on transducers recommended for specialized applications.



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