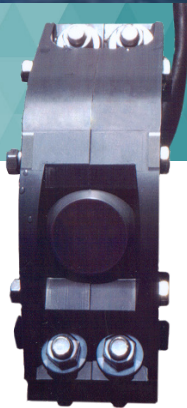


ACCUSONIC®

Model 7618 Transducer



About ACCUSONIC

ACCUSONIC®, a brand of ADS® LLC, designs and manufactures multi-path transit-time flow measurement systems, which are renowned for their precise accuracy and reliability in difficult operating environments.

ACCUSONIC flowmeters can be found in hydroelectric and thermal power plants, water and wastewater treatment facilities, sewage collection systems, and other types of water conveyance pipelines and channels.

Since 1967, ACCUSONIC has installed thousands of systems worldwide, and offers a full range of services including installation and startup, system verification, turbine performance testing services, and field training.

Model 7618 Low Profile Vertical Array Transducery

The Model 7618 Transducer is designed for use on vertical or near vertical concrete walls in closed conduits, open channels or canals. Operating at 500-kHz frequency, the 7618 is suitable for conduits/channels up to 80 feet (25 meters) wide.

The Model 7618 features a ball-type transducer element that is seated in a protective mount that minimizes protrusion of the transducer into the channel. Once the mounting assembly has been installed, the transducer "ball" element can be rotated 15 degrees in any direction to align it with its opposing transducer before being permanently secured.

The adjustment capability allows the 7618 transducer to be installed with shallow path angles, making it suitable for measurement in short straight sections. The integrated HDPE cable may be fed out of either side of the transducer mount.

Constructed of PVC and other nonmetallic materials, the 7618 transducer provides excellent resistance to the effects of chemicals, corrosives and similar agents found in hostile metering environments.

Unique Features

Flexibility: Can be installed on plates or slides, reducing installation time. Low-profile design prevents build-up and clogging around transducer, reducing maintenance frequency

Accuracy: Provides the highest level of accuracy & repeatability, even in the harshest conditions & environments

Economy: All ACCUSONIC flowmeter controllers & transducers are backwards compatible, reducing upgrade costs and saving time



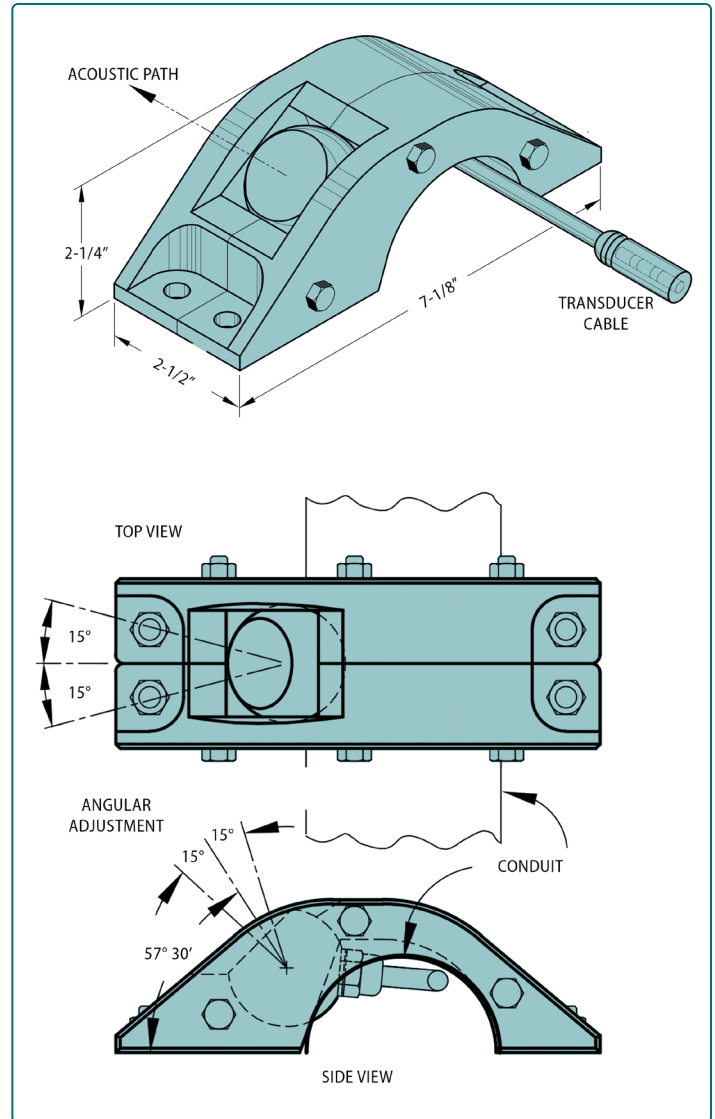
7618 Mounted on a Plate

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DESIGN SPECIFICATIONS

Operational Frequency:	500 kHz
Maximum Operating Pressure	100 psi (7 bar)
Temperature Limits	Operating: -4° to 176° F (-20° to 80° C) Storage: -4° to 176° F (-20° to 80° C)
Construction Material	Nonmetallic with Stainless Steel Hardware
Dimensions (with Mount)	Length: 7.125 in. (181 mm) Height: 2.25 in. (57 mm) Width: 2.5 in. (64 mm)
Electrical Connection	Two Conductor Underwater Pluggable Neoprene Connector on Pigtail



Model 7618 Transducer

Contact ACCUSONIC for more information
and solutions for your flow metering applications.

Learn more about ACCUSONIC at www.ACCUSONIC.com
Call: +1(256)430-3366 Email: accusonic-sales@idexcorp.com

ACCUSONIC®
is a brand of **ABS**