

ACCUSONIC®

Model 7634 Transducer



Model 7634 Dual-Element Internal-Mount Transducer

The ACCUSONIC Model 7634 is a dual-element, internal-mount transducer designed for installation inside buried or encased pipes. The cables from the transducers are routed through a conduit to a penetration assembly.

The Model 7634 transducer is used where access to the transducers is not feasible without de-watering the conduit for extended periods of time. Each assembly incorporates two transducer elements, two connectors and two cables. One is the primary element, and the second is a backup which can be activated from the flowmeter console in case of failure of the primary element.

The internal-mount transducer assembly consists of mounting blocks, a transducer body, a protective deflector and an assembly tube. The mounting blocks are welded or anchored to the pipe wall at accurately determined locations. The assembly tube containing the transducer body and deflector is bolted to the mounting blocks, while the cable penetration assembly feeds through a hole in the pipe and uses O-rings to seal the assembly to the pipe.

Unique Features

Flexibility: Dual elements allow for redundancy & the ability to switch between elements without shut down

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

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.



7634 Transducer 4-Path Configuration



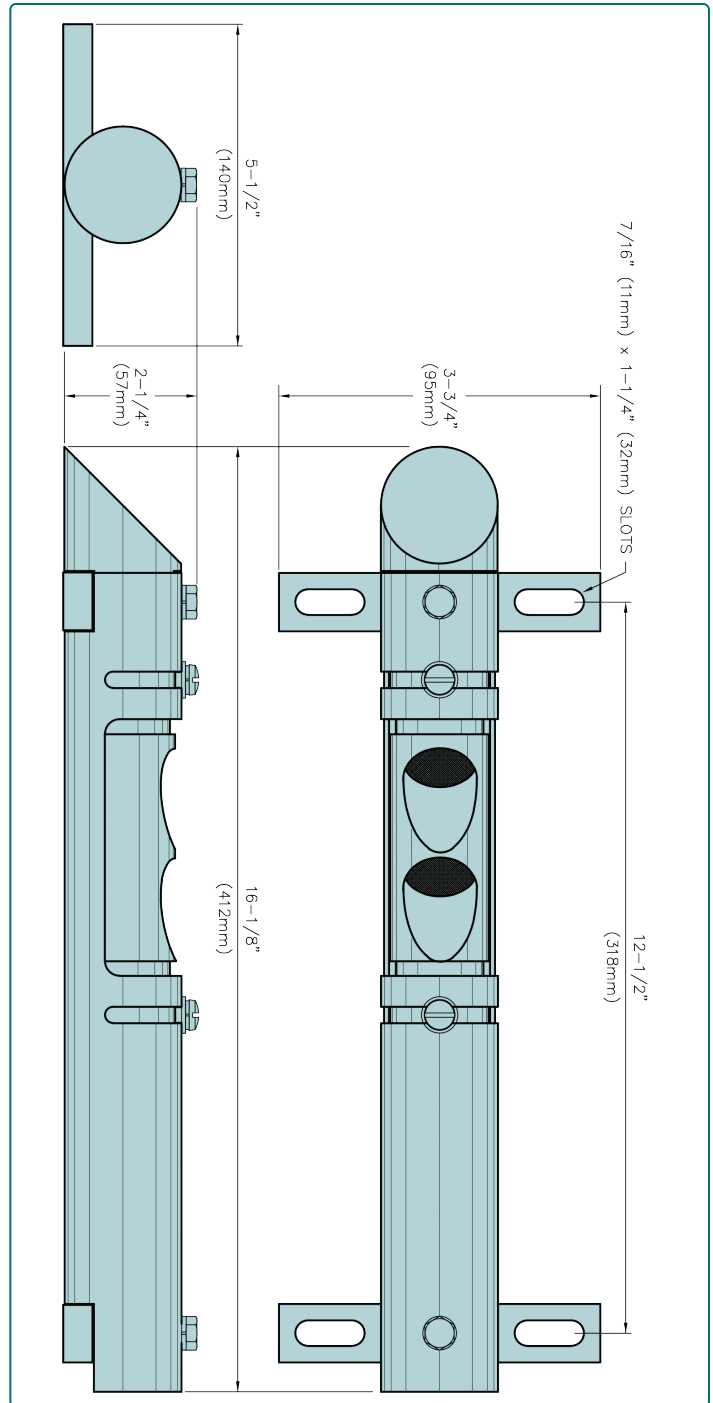
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DESIGN SPECIFICATIONS

Operating Frequency	500 kHz
Pipe Diameter Range*	4 - 60 ft (1.2 - 18.3 meters) *For applications with pipes/conduits that are smaller than listed, please contact ACCUSONIC
Path Length*	4 - 85 ft (1.2 - 26 meters) *For applications with pipes/conduits that are smaller or larger than listed, please contact ACCUSONIC
Maximum Service Pressure	450 psi (31 bar)
Temperature Limits	Operating: 32° to 122° F (0° to 50° C) Storage: 14° to 122° F (-10° to 50° C)
Construction Material	PVC

ACCESSORIES

Mounting Assembly/Baseplate	PN: 7695, Type 304 SS PN: 7695-316SS, Type 316 SS
Cable Penetrator	PN: 7691-PV-0#03, 4- or 8-Hole PVC Cable Penetrator PN: 7691-SS-0#03, 4- or 8-Hole SS Cable Penetrator
Protective Shroud	PN: 7691-0017-01, 8-Cable SS Protective Shroud PN: 7691-0017-00, 16-Cable SS Protective Shroud



Model 7634 Transducer & Mounting Assembly 7695/7695-316 SS Dimensions

**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: accusonicsales@idexcorp.com

ACCUSONIC
is a brand of **ADS**