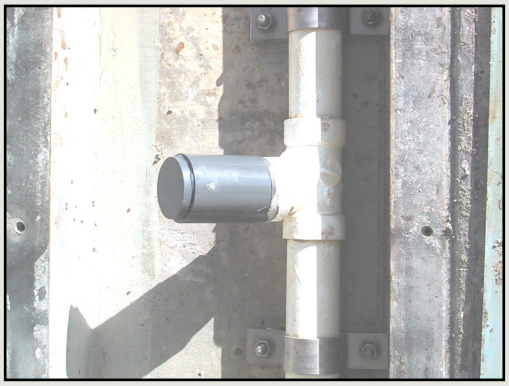
HARDWARE

Model 7616 Array-Mounted Transducer Assembly

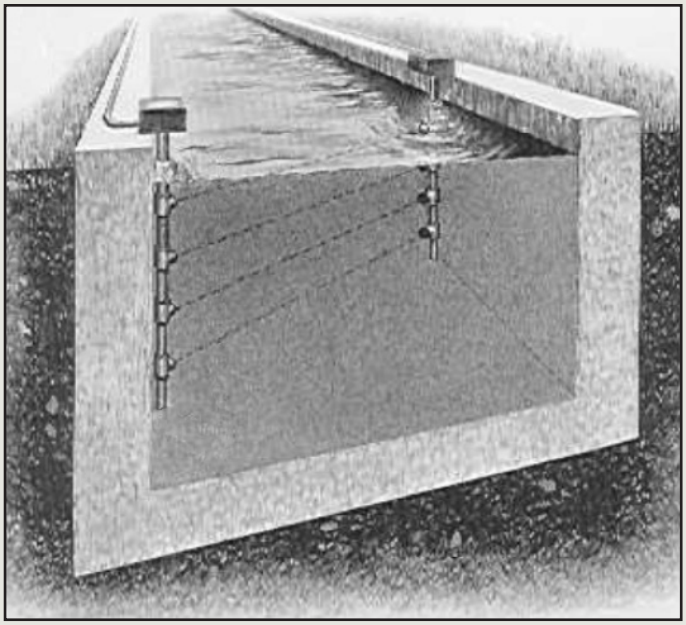
About ACCUSONIC

ACCUSONIC, 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 flowmeters 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. 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.



The Model 7616 Transducer Assembly is designed for installation in open channels and closed conduits. The 7616 is constructed of all PVC to provide excellent resistance to the effects of chemicals, corrosives and similar agents found in wastewater and other hostile environments.

The Model 7616 is designed for permanent mounting in prefabricated array sections, configured for site specific requirements. The mounting arrays, also made of PVC, are constructed to provide a unitized section which is easily installed and aligned from within the channel. The arrays allow for the utilization of up to 8 horizontal paths at a fraction of the cost of conventional transducer installations.



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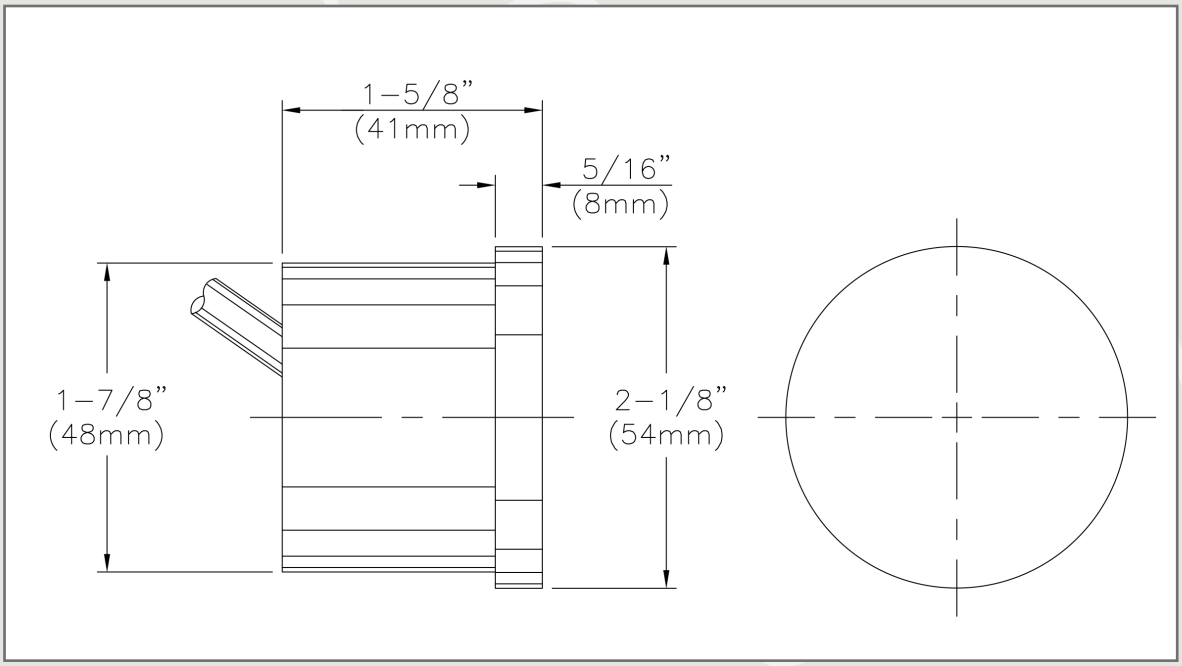
DESIGN SPECIFICATIONS

Operational Frequency:	500 kHz
Path Length Range:	4 ft. to 80 ft. (1.25 m to 25 m)
Maximum Service Pressure:	70 psi (5 bar)
Temperature Limits:	-22 to 140 F (-30 to 60 C)
Construction Material:	PVC

DIMENSIONAL DATA

Transducer Diameter:	1.9/2.1 in. (48/53 mm)
Transducer Length:	1.6 in. (41 mm)
Integral Cable Length:	25 ft. (7.6 m) - or as specified
Array Diameter:	1.9/2.25 in. (48/57 mm)

Contact ACCUSONIC for information on transducers recommended for specialized applications.



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