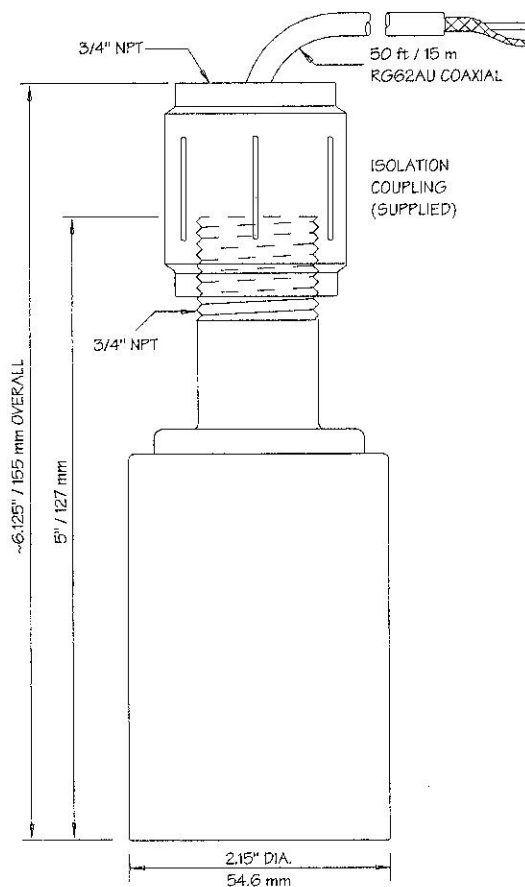


Ultrasonic Sensor Model PZ52T



General Specifications

Maximum Range:	50 ft. (15.6 m)
Minimum Range (Deadband):	16" (406.4 mm)
Operating Frequency:	40 KHz
Beam Angle:	8°
Operating Temperature:	-40° to 150° F (-40° to 65° C)
Maximum Operating Pressure:	20 psi (1.35 bar)
Sensor Face:	Teflon
Sensor Housing:	PVC
Sensor Mounting:	3/4" NPT
Sensor Cable:	50 ft (15 m) RG62AU coaxial
Maximum Cable Length:	500 ft (150 m)
Optional Hazardous Rating:	CSA rated Intrinsically Safe Class I, Groups C,D, Class II, Groups E,F,G with optional Intrinsic Safety Barrier. Note: Max Range reduced to 32 ft. (10 m) with ISB option.

Notes:

1. Shield from direct sunlight (temperature probe in sensor)
2. Use the "Isolation Coupling" supplied for mounting.
3. Use with Option ISB Intrinsic Safety Barrier for installation in hazardous locations.
4. Run Sensor cable in grounded metal conduit with no other conductors.
5. Extend Sensor cable up to 500 ft (152 m) with RG62AU coaxial only.
6. Refer to the Instruction Manual for complete installation and wiring instructions.

Recommended Sensor Mounting

1 FT (300 mm)
HORIZONTAL FROM
SIDEWALL FOR EVERY
10 FT (3 m) VERTICAL

NOTE:
2 FT (600 mm) FOR EVERY
10 FT (6 m) DEPTH IN
APPLICATIONS WITH
ROUGH SIDEWALLS,
LADDERS, REINFORCING
RINGS ETC.

