

Innovative technology with seamless integration.

Ultrasonic Level Transmitter

LEVEL DEVIL by SensorTech

Model 300



The model 300 is a four wire, 24 VDC 4-20ma level transmitter based on the concept of ultrasonic pulse operating at 52 KHz/70KHz and mounts on top of tank looking downward. The time of flight is measured many times to construct an average of the true distance measured.

A pulse of energy is sent out from the unit and is reflected by the top of the product. The energy that is reflected is detected by the unit and the distance to the level is calculated.

How to Order

Measurement Range

300-052	11 inches to 50 feet (0.28 to 15.24m)
300-070	9.6 inches to 30 feet (0.24 to 9.14m)

TEMPERATURE RANGE	-40 to +140 F (-40 to +60 C) Compensated
OUTPUT SIGNAL	4.0 to 20 mA
RESOLUTION	6.1 uA
ACCURACY	± 0.25% of span
LOST ECHO HOLD TIME	30 seconds then 22mA
OUTPUT IMPEDANCE	750 ohms
FILTERING	Fixed
USER INTERFACE	1-button calibration
VOLTAGE RANGE	12 to 30 VDC
OPERATING FREQUENCY	52KHz
PRESSURE RANGE	15 psi Max
EXPOSED HOUSING	PVC
EXTERNAL HOUSING	PVC-94VO
WEIGHT	4.5 lbs
HEIGHT	10 inches
CONDUIT FITTING	1/2 inch NPT
PROCESS FITTING	2-inch or 3-inch
SPECIFICATIONS SUBJECT TO CHANGE WIHTOUT NOTICE	



Contact Us

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