

Distance / Level Sensors



Description

A variety of sensors for measuring distance are available. These sensors differ in their ranges, accuracies, and characteristics to suit different applications. Through different physical measuring principles, these sensors are suitable for the measurement of liquids in tanks, flow rates or pits, among others. Or solids, such as accumulations in silos or other industrial processes.

Notable features are:

- High precision and accuracy
- Suitable for different applications
- Stable and reliable readings
- Long life

Sensors for Liquids



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Characteristics

1 P/N: DIG-UD1-S-5V	2 P/N: DIG-UD2-S-12V/V2	3 P/N: DIG-RD-S-12V
Type Ultrasonic	Type Ultrasonic	Type Radar
Range 20-765 cm	Range 0m to (5,10,15)m upon request	Range 0m to (10,30,50,70)m upon request
Accuracy ± 1cm, over whole range	Accuracy ±0.25% 1mm resolution	Accuracy ±3 mm
Features 3.3 a 5 VDC IP67	Features 12-24VDC IP67	Features 12 a 24 VDC IP67

Sensors for Solids

Characteristics

It uses acoustic matrix technology in phases to give precise measurements of volume and solids level. It uses a series of antennas that generate acoustic waves, to detect the delay and direction of their echoes.

Specification	Value
Type	Acoustic matrix P/N: DIG-AMD-S-18V
Range	0 to 70 m Other ranges upon request
Accuracy	± 15mm
Features	18 to 32 VDC IP67

