

## 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



**1**



**2**



**3**

### Characteristics

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

