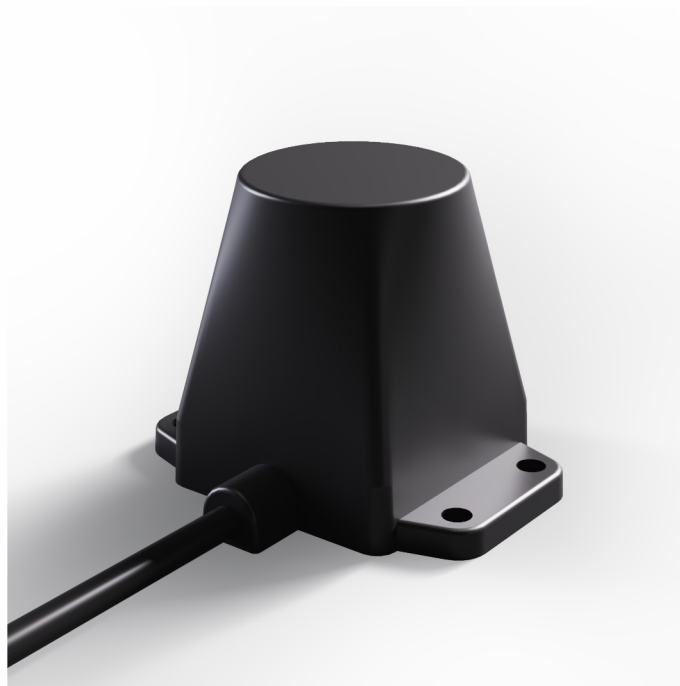




Radar distance sensor for industrial applications



- Short-range distance measurement from 130 mm to 5000 mm
- Serial RS232 and CAN bus interfaces
- Update rate of 30 Hz
- Distance measurement under challenging conditions such as dust or moisture
- Distance measurement on liquids
- Suitable for boom height control systems

The **RaDist IN** is a distance sensor based on 60 GHz pulse radar, designed for various industrial applications.

The microwaves are focused by a dielectric lens.

The sensor is encapsulated in a plastic housing and features an 8-pin M12 connector.

Technical data:

Supply voltage	+5 to 30 V DC
Current consumption	typ. 110 mA @ 12 V DC
Power consumption	<1,0 W
Frequency and transmit power	60,5 GHz at 11,4 dBn EIRP Contains: FCC ID: 2AQ6KA1201
Update rate	30 Hz
Antenna	Horn with dielectric lens, 8° beamwidth
Absolute accuracy	<5 mm
Measuring range	130 mm to 5.000 mm
Temperature range	Storage - 40 °C bis + 85 °C Operating - 40 °C bis + 70 °C
Environmental protection	IP69K corresponds ISO 20653
Weight	96 g
Dimensions	60 x 45 x 60 mm
	   

Available from:



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