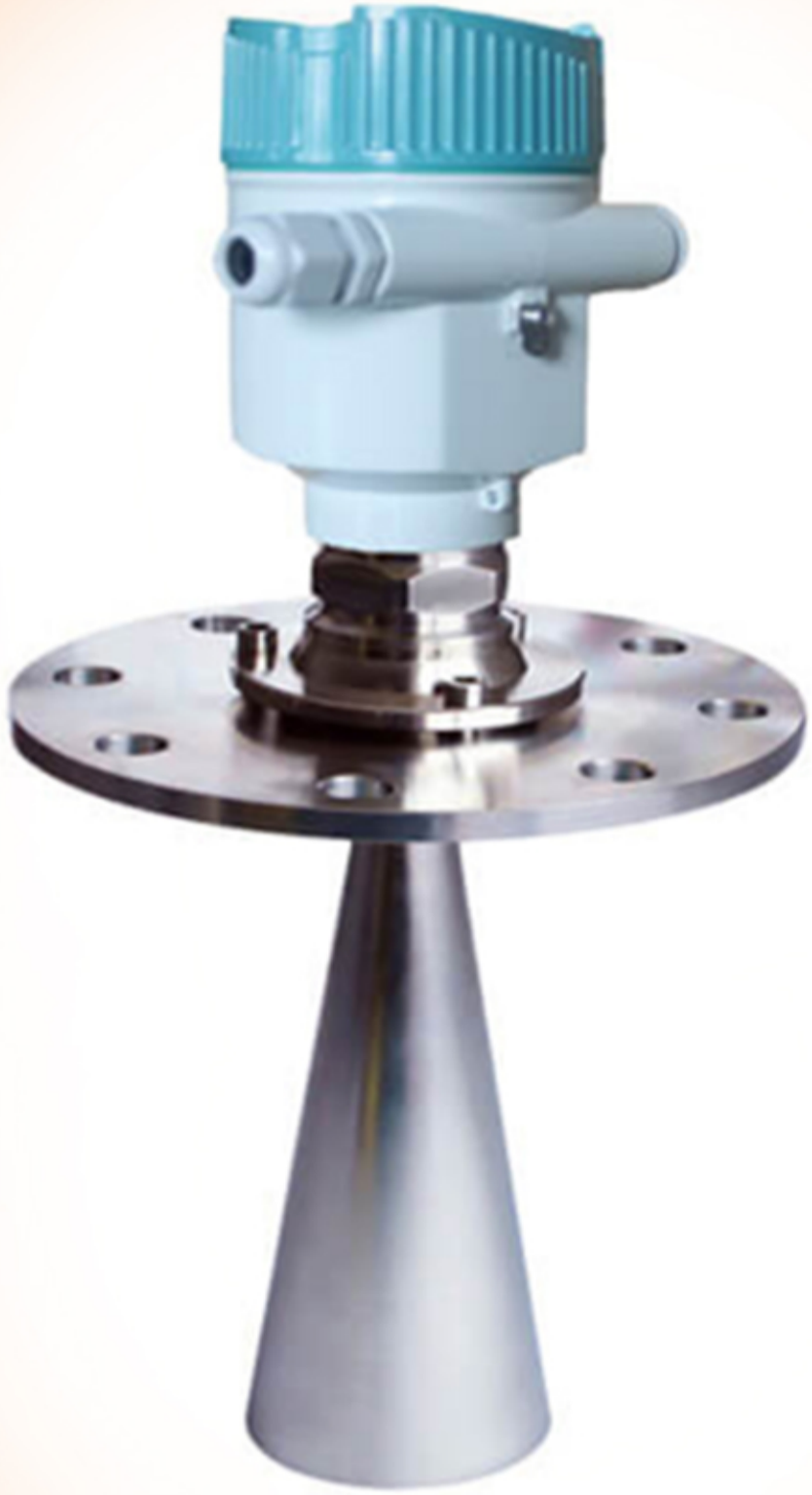




## RADAR LEVEL INDICATOR TRANSMITTER



Radar level transmitters work based on the time of flight (TOF) measuring principle or time domain reflectometry (TDR). To start with, we can measure the distance from the reference point to the surface of a liquid. Then the meter sends a high-frequency signal from an antenna or along a probe.

Radar level measurement is a safe solution even under extreme process conditions (pressure, temperature) and vapours. Radar level transmitters can also be used in hygienic applications for non-contact level measurement. Radar level transmitters versions are available for different industries like for water/wastewater, the food industry, life sciences or the process industry. Various antenna versions for every kind of radar applications are available.

### SPECIFICATIONS :

<b>Suitable for Medium</b>	:	Liquid, slightly corrosive liquid
<b>Level Display</b>	:	Four LCD /Can be programmed
<b>Aerials</b>	:	The Rod Antenna( PP/PTFE )
<b>Frequency</b>	:	6 GHz
<b>Temperature</b>	:	(-40 ~ 130)°C
<b>Measurement Precision</b>	:	±10mm
<b>Process Pressure</b>	:	(-0.1 ~ 0.3) MPa
<b>The signal Output</b>	:	(4 ~ 20) mA+HART
<b>Power Source</b>	:	Two-wire (DC24V) Four-wire(DC24V/AC220V)
<b>Repeatability</b>	:	± 1mm
<b>Shell</b>	:	Aluminum /Plastic
<b>Connection</b>	:	Flange (optional) / Thread
<b>Protection Grade</b>	:	Explosion-Proof Exia IIC T6 Ga/ Exd ia IIC T6 Gb

