

ELTAR - 20

THROUGH AIR RADAR LEVEL TRANSMITTER

Features

- Self Adjusting Tracking Radar
- Simple push-button calibration
- Output 4 – 20 mA / 20 – 4m A (Isolated on 4 Wire Model's only)
- RS232 / RS485 (Optional)
- Diagnostics & data logging software
- PLC Compatible (Modbus RTU)
- Two or Four Wire Operation
- Programmable

Description

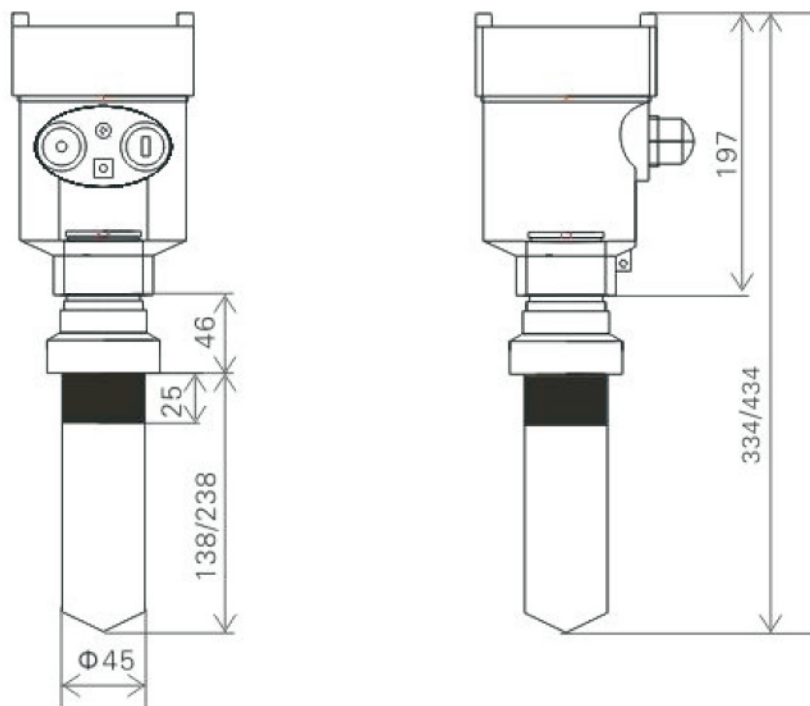
Electronet series ELTAR-20 Radar Level Transmitter is high frequency level measurement instrument with the maximum measuring distance upto 30 meters. The antenna is further optimized and the new-type microprocessor can perform higher rate of signal analysis and processing, making the instrument available for complex measurement conditions such as reactors and solid silos.



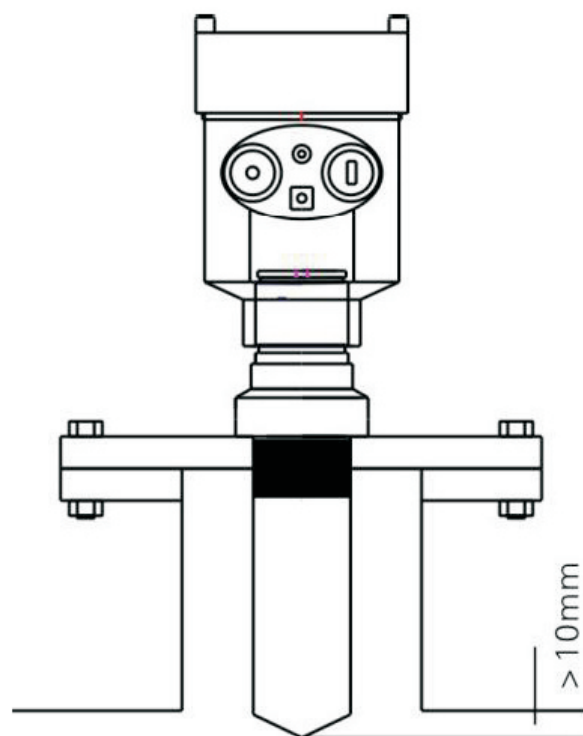
Technical Specifications

Conduit Entry	½" NPT X 2
Enclosure	Aluminum Or Stainless Steel-94V0
Ingress Protection	NEMA4 (IP67) Type4/4X
Installation Category	Class II
Temperature	1) PP Rod : -40 to 190°F (- 40 to 90°C) 2) PTFE Rod : -40 to 350°F (- 40 to 177°C)
Max. Pressure	3 bar
Operation	Pulse Radar
Accuracy	+/- 0.1% of max. range in lab using 4-20mA current output +/-0.25% of max. range (typically in field)
Frequency	26 GHz
Transmitter Power	50 uW average
Calibration	Via communication port (required)
Diagnostics	Echo Profile via communication port
Antenna	Dielectric Rod PTFE Horn, SS 316 for very low dielectric (Optional) constant materials and short blanking
Local Indication Display Type	LCD Display
Probe MOC	SS316 (For other requirement please consult factory)

Dimensional Drawing



Installation Drawing



Ordering Information

Sample Order Code : 02G-07B-21D-22B-24B-26A-49A-66A

Parameter		Code	Value
02	Measuring Range	02F	12000 mm
		02G	15000 mm
		02H	20000 mm
07	Area Classification	07A	Weather Proof
		07B	Flame Proof
21	Electrical Connection	21A	M20 X 1.5
		21B	½” NPTF
		21D	¾” ET
22	MOC Electronics Enclosure	22A	Die Cast Aluminium
		22B	SS316
		22C	ABS Plastic

Parameter		Code	Value
24	Power Supply	24A	90 – 250 VAC
		24B	24 VDC
26	Local Indication	26A	Required
		26Y	None
49	Output	49A	4 to 20 mA
		49B	4 to 20 mA With HART
66	Process Connection	66A	Threaded
		66B	Flanged
		66E	Tri Clover

Note :

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

Applications

Food & Beverages

Chemicals with Vapors

ELECTRONET EQUIPMENTS PVT. LTD.

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