



Radar level transmitter

Continuous non-contact level measurement for bulk solids and powders

Measurement range 70 m

Radar pulses at 26 GHz (K-band)

Visualization on the display of the level measurement and the curve of the echo signal

ATEX certification

radar sensor for bulk solids continuous measurement. Suitable for application in silos and storage in large sheds, also in hard working conditions. Suitable for level measurement in tanks with 1 1/2 "G threaded or flanged connection. The different antenna models and the wide temperature and pressure range make the RP radar sensor the optimal solution for nearly all kinds of application..

Technical Feature

Frequency

K group (26GHz)

Housing / Antenna material

aluminum / SS316L; PTFE

Mechanical installation

threaded G1 1/2 ; flange DN 50; 80; 100; 150; 200; 250

IP rating

IP67/IP68 (Sensor)

Electrical connection

Terminals

Working temperature

-40° ÷ +130°C / -60° ÷ +250°C

Pressure

-1 a 40 bar

Power supply

24Vdc; 230Vac

Certification

ATEX

Analog output

4÷20mA

Digital communication

HART / MODBUS

Measure range

70 mt

Accuracy

±15mm

Resolution

1mm.

Calibration

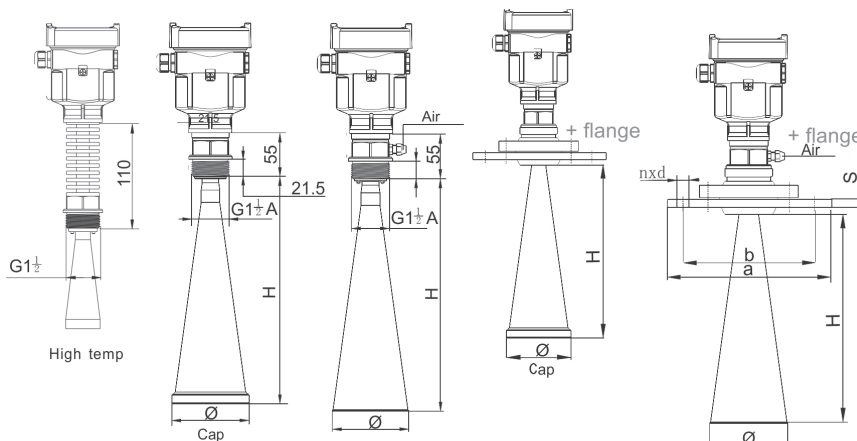
4 buttons or via HART / MODBUS

Warm up

5 minutes

Display

Plug-in display/keyboard 4 buttons matrix LCD



(Cod.)ΦAnt.	H	An.Mat.
(B) Φ 48	140	SST316
(C) Φ 78	227	SST316
(H) Φ 98	288	SST316
(J) Φ 123	620	SST316
(M) Φ 98 + Cap	300	SST316
(P) Φ 123 + Cap	625	SST316