

radar level transmitter**Not to be supplied in France, Germany and Great Britain****Contact level measurements for liquids and solids****Max rod length 3 m
rope / semi-flexible rope 30 m****Process pressure 40 bar****2/4 wires technology****Pulse microwave TDR****Display of alphanumeric level measurement
and of the echo signal curve**

It is a guided micro-wave sensor for liquids and bulk solids materials continuous measurement. Insensitive to environmental influences like dust and steam, it provides accurate and repetitive measurement values. It constitutes the solution for multiple level measurements. Suitable for application in silos or tanks, also in hard working conditions. Suitable for level measurement in tanks with 1 ½ "G or 2" threaded. It is available with rope or rigid rod antenna.

TECHNICAL FEATURES**Housing / Antenna material**

aluminum / SS316L / SS304

Mechanical installation

threaded G 1½"; G 2"

IP rating

IP67

Electrical connection

Terminals

Working temperature

-30° ÷ +130°C / -40° ÷ +150°C

Pressure

-1÷40 bar

Power supply

24Vdc; 230Vac

Analog output

4÷20mA

Digital communication

HART; MODBUS

Measure range

rod 3 m; rope 30 m; semi-flexible pipe 30 m

Accuracy

±10mm

Resolution

1mm.

Calibration

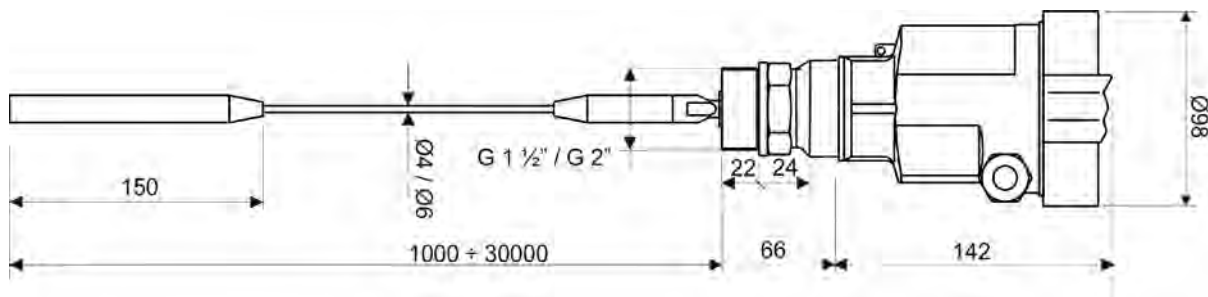
4 buttons or via HART

Warm up

5 minutes

Display

Plug-in display/keyboard 4 buttons matrix LCD



Guided microwave radar level transmitter

Microwaves pulse TDR
 For liquids and bulk solids measurement
 Max. length: rod 3m, rope and semi-flexible pipe 30m
 Accuracy: ±10mm
 Process pressure: -1+40 bar

Version	
P	Standard
Antenna shape / Material / Sealing	
A	Rope Ø6mm / SS316L / PTFE
B	Rod Ø10mm / SS316L / PTFE
C	Semi-flexible pipe Ø8mm / SS304 / PTFE
Process connection / Material	
GP	Thread G1 ½" / SS316L
KP	Thread G2" A / SS316L
ZZ	Special
Seal / Process temperature	
A	Viton / -30+130°C
B	Kalrez / -40+150°C
Electronic preamplifier	
B	4+20mA HART (2-wire); 24Vdc
C	4+20mA HART (4-wire); 24Vdc
D	4+20mA HART (4-wire); 230Vac
R	10+30 Vdc MODBUS RTU
Housing / Protection	
D	Aluminum 2 chambers (for 4-wire versions) / IP67
G	SS316L / IP67
U	Aluminum with transparent cap / IP67
Z	Special
Cable entry	
M	M20x1,5
Keyboard/display programming module	
A	Yes
X	No
L= length, price each 100mm	
A	Rope Ø6mm / SS316L (max 30m)
B	Rod Ø10mm / SS316L (max 3m)
C	Semi-flexible pipe Ø8mm / SS304 (max 30m)