

radar level transmitter

Not to be supplied in France, Germany and Great Britain

Contact level measurements for liquids

Max length 3 m

Process pressure 40 bar

2/4 wires technology

Pulse microwave TDR

**Display of alphanumeric level measurement
and the curve of the echo signal**



It constitutes the solution for multiple level measurements. Suitable for application in tanks, also in hard working conditions, with 1 ½" G or 2" G thread and coaxial antenna

TECHNICAL FEATURES**Housing / Antenna material**

aluminum / SS316L

Mechanical installation

G 1 ½" A o G 2" thread

IP rating

IP67

Electrical connection

Terminals

Working temperature

-30°C ÷ +130°C; -40°C ÷ +150°C

Pressure

-1÷40 bar

Power supply

24Vdc; 230Vac

Analog output

4÷20mA

Digital communication

HART; MODBUS

Measure range

coaxial antenna Ø28 max 3m

Accuracy

±10mm

Resolution

1mm.

Calibration

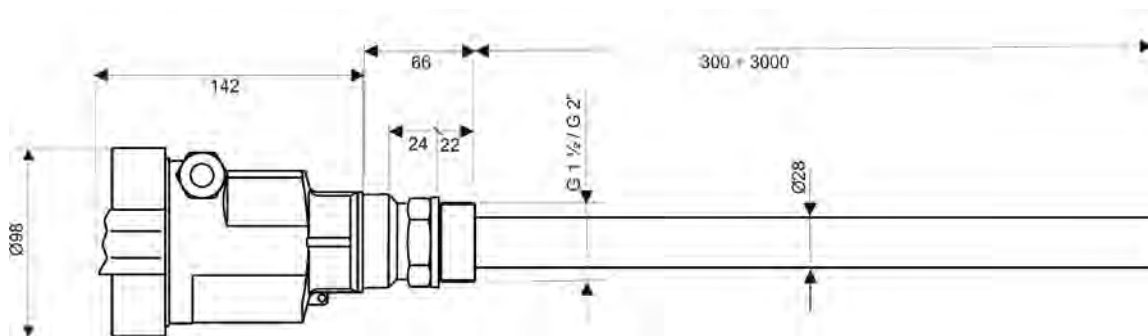
4 buttons or via HART

Warm up

5 minutes

Display

Plug-in display/keyboard 4 buttons matrix LCD



Guided microwave radar level transmitter

Microwaves pulse TDR

For small dielectric constant liquids (oils, distilled water, others)

Max. length: 3m

Accuracy: ±10mm

Process pressure: -1+40bar

Version	
P	Standard
Antenna shape / Material / Sealing	
A	Coaxial Ø28mm / SS316L / 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 with 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	Coaxial Ø28mm / SS316L (max 3m)