



Radar level transmitter

Contact level measurements for liquids and solids
Max rod length 3 m
rope / semi-flexible pipe 30 m
Process pressure 40 bar
2/4 wires technology
Pulse microwave TDR
Display of alphanumeric level measurement and of the echo signal curve

guided micro-wave sensor for liquids and bulk solids materials continuous measurement. Insensitive to environmental influences like dust and steam, L51 provides accurate and repetitive measurement values. L51 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. L51 is available with rope or rigid rod antenna..

Technical Feature

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.

Calibraton

4 buttons or via HART

Warm up

5 minutes

Display

Plug-in display/keyboard 4 buttons
matrix LCD