



Ultrasonic level transmitter

Range 0,25 ÷ 6 m / 0,4 ÷ 10 m

IP67

Suitable for liquids and solids

MODBUS

Power supply 20÷30Vdc; 12 Vdc

Output 4 ÷ 20 mA (2 wire version);
4 ÷ 20 mA + 2 relays set (4 wire version)

ATEX

Remote control via Smartphone

Technical Features

Housing/sensor material

PC or Al / PP wetted part (only PVDF for ATEX certified vers.)

Mechanical installation

2" GAS M (PP flange DN80 opt.)

Protection degree

IP67/IP68 (Sensor)

Electrical connection

Internal push connectors

Working temperature

-20 ÷ +60°C

Pressure

from 0,5 to 1,5 bar (absolute)

Power supply

12Vdc / 20÷30Vdc

Power consumption

0,6W (2-wires) - 1,5W (4-wires)

Analog output

4...20mA, max 750ohm

Relays output

(4-wire only) n°2 3A 230Vac (n.o.)

Digital communication

MODBUS RTU for 4-wire vers. ; (opt.)

HART for 2-wire vers.

Max measure range

max 0.25 ÷ 6m

max 0.40 ÷ 10m

In case of non perfectly reflecting surfaces, the maximum distance value will be reduced

Blind distance

0,25m (6m versions) / 0,40m (10m versions)

Temperature compensation

digital from -30 to 80°C

Accuracy

±0,2% (of the measured distance) not better than ±3mm.

Resolution

1mm.

Calibration

4 buttons or via HART / MODBUS RTU / BLUETOOTH

Warm-up

5 minutes typical

LCD Display

Plug-in display/keyboard 4 buttons matrix LCD

Ex-proof

ATEX II 1/2G Ex ia/db IIC T4 Ga/Gb ; II 1D Ex ta IIIC T135°C Da Tamb: -20 +60°C