

SUBMERSIBLE LEVEL SENSOR

SERIE P3230

- Accuracy 0.5% or 0.25%
- For measuring levels in liquid media
- Model PEX12 Ex classified according to ATEX, FM, CSA
- Pressure range from 0...0.1 bar to 0...25 bar



PRODUCT DESCRIPTION

Submersible level sensor for, for example, measuring levels in tanks. The sensor is submerged in the media and reads the pressure in relation to the depth. For example water at a depth of 1 metre corresponds to 0.1 bars pressure. If media other than water is used, the calculation has to be made using that media's density when receiving the analogue signal that the level sensor gives. Up to 50 metres depth. For media that are compatible with stainless steel type 316Ti. Model PEX12 is Ex classified according to ATEX, FM and CSA and is intrinsically safe for zone 1 and can be supplied with option for zone 0.

Special versions

- Alternative signals on model p3230, 0-(5)10 V, 0-20 mA
- Overvoltage/lightning protection according to IEC801-5;1.5 kV
- Supply voltage 6 V for battery operation (output signal 0.5-2.5 V)
- PTFE jacketed cable
- Model PEX12: Approved for ships according to GL.
- Housing in Hastelloy with FEP cable for model P3230...

SPECIFICATIONS

EMC	Emission EN61326, Interface EN61326
IP Class	IP68
Material	Stainless steel SIS2350 (316Ti)
Pressure Range	251 bar
Response Time	1 ms
Supply Voltage DC Max	10 V DC
Supply Voltage DC Min	30 V DC
Temperature compensated range from	0 °C
Temperature compensated range to	50 °C

Temperature range of media from	-10 °C
Temperature range of media to	50 °C

