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APLISENS - PRE-28 SMART DIFFERENTIAL PRESSURE TRANSMITTER

PRESG0070.001



- Nine standard pressure ranges
- HART protocol
- ATEX & DNV versions
- 0.1% accuracy

PRODUCT DESCRIPTION

The Aplisens PRE-28 Smart differentail pressure sensor is applicable to the measurment of the pressure, underpressure and absolute pressure of gases, vapours and liquids.

This pressure sensor comes with many extra options such as ATEX, DNV marine certificate, housing options, process connections and materials making this sensor very versatile.

Through the data interchange (HART) with the sensor you can:

- Identify the transmitter
- Configure the ouput parameters as below:

Measurement units and the values of the start and end points of the range
Damping time constant
Conversion characteristic (inversion, user's non-linear characteristics)

- Read the currently measured hydrostatic pressure value, output current and percenatge of measuring range
- Force an output current with a set value
- Calibrate the transmitter in relation to a model pressure

Application examples:

- Oil & Gas
- Process
- Chemical
- Water management

Please refer to the datasheet further down the page under Downloads.

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TECHNICAL DATA

Connection	1/4" NPT-F

Deviation max	0,1 %
Electrical connection	DIN EN 175301-803-A
IP class	IP65
Manufacturer part no.	PRE-28.Smart/0-70bar/PD/PN
Material of body	Stainless steel AISI 304
Material of wetted parts	Stainless steel 316L
Pressure range max	70 bar
Pressure range min	0 bar
Signal type	4-20 mA / Hart
Static pressure	70 bar
Supply voltage dc max	55 V DC
Supply voltage dc min	7.5 V DC
Temperature ambient from	-25 °C
Temperature ambient to	85 °C
Temperature of media from	-25 °C
Temperature of media to	120 °C