

## 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 differential pressure sensor is applicable to the measurement 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 output 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 percentage 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

<b>Deviation max</b>	0,1 %
<b>Electrical connection</b>	DIN EN 175301-803-A
<b>IP class</b>	IP65
<b>Material of body</b>	Stainless steel AISI 304
<b>Material of wetted parts</b>	Stainless steel 316L
<b>Pressure range max</b>	70 bar
<b>Pressure range min</b>	0 bar
<b>Signal type</b>	4-20 mA / Hart
<b>Static pressure</b>	70 bar
<b>Supply voltage dc max</b>	55 V DC
<b>Supply voltage dc min</b>	7,5 V DC
<b>Temperature ambient from</b>	-25 °C
<b>Temperature ambient to</b>	85 °C
<b>Temperature of media from</b>	-25 °C
<b>Temperature of media to</b>	120 °C