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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SPECIFICATIONS

Deviation max	0,1 %
IP Class	IP65

Manufacturer Part No	PRE-28.Smart/0-70bar/PD/PN
Pressure Range Max	70
Pressure Range Min	0
Static pressure	70
Supply Voltage DC Max	55
Supply Voltage DC Min	7.5
Temperature ambient from	-25
Temperature ambient to	85
Temperature range of media from	-25
Temperature range of media to	120