APLISENS - APRE-2000G SMART DIFFERENTIAL PRESSURE SENSORS

APRE0.625.000
0..0,625mBar 4-20mA/Hart 2xØ6mm DIN-A

- Pressure range -100 mbar to 100 mbar
- Min range 0.2mbar
- Three body styles available
- ATEX version



PRODUCT DESCRIPTION

The Aplisens APRE-2000G Smart differential pressure transmitter is applicable to gases, to the measurements of their pressure, underpressure and differential pressure.

The ability to select the radical conversion characteristics also enables this differential pressure transmitter to be used in gas flow measurement systems using reduced pipes or other impeding elecments.

The APRE-2000G Smart uses HART protocol and the following metrological parameters can be configured through this:

- Units of pressure
- Start and end-points of the set range
- Damping time constant
- Conversion characteristics (radical, inversion, user's non-linear characteristics)

And through the data interchange with the probe you can also:

- Identify the transmitter
- Read the currently measured hydrostatic pressure value, output current and percenatge of measuring range

This smart differential pressure transmitter has an accuracy of 0.1%, with five standard measuring ranges to choose from and is also available in ATEX. Application examples:

- Blast pressure
- Chimney draughts
- Furnace chambers
- Clean rooms

Please refer to the image below for ordering information.

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SPECIFICATIONS

Deviation max	0,25 %

IP Class	IP65
Manufacturer Part No	APRE2000G/PD/-2,5..2,5/ 0-62,5PA/PCV
Pressure range max	0.625
Pressure range min	0
Static pressure	0.35
Supply Voltage DC Max	55
Supply Voltage DC Min	7.5
Temperature ambient from	-30
Temperature ambient to	85
Temperature range of media from	-25
Temperature range of media to	120