



ELECTRONIC PRESSURE TRANSMITTER

CER-1000



- ALL STAINLESS STEEL 316
- COMPACT SIZE
- CERAMIC SENSOR
- 0-1 BAR TO 0-400 BAR
- 4-20 mA OUTPUT
- VACUUM RESISTANT

Description

The CER-1000 is a compact pressure transmitter with a Ceramic pressure sensor and a stainless steel 316 housing. Applications are gauge or absolute pressure measurement on clean liquids and gases.

The CER-1000 is available with a DIN connector (IP65) as standard, optional a version with cable (IP 68) is available.

Process connection are G1/2" or G1/4" thread, other process connections are available on request. All ranges between full vacuum and 400 bar are available.



IP 68 with cable



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Specifications

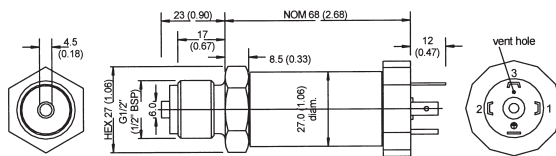
Measuring ranges : 0-1 to 0-400 bar
 Output signal : 4-20 mA / 2-wire
 Accuracy : 0,5%
 Power supply : 7 to 32 VDC.
 Protection : IP 65 (connector)
 IP 68 (with cable)
 Electrical connection : DIN connector PG9
 Material housing : AISI 316

Material process connection : AISI 316 L
 Material sensor : Ceramic (AL₂O₃)
 Sensor sealing : Viton o-ring (standard)
 (other material on request)
 Process connection : G1/2" (1/2" bsp) (Option 1/4")
 Process temperature : -20° to +85° C
 Storage temperature : -30° to +90° C
 Overpressure : 2 x rated pressure

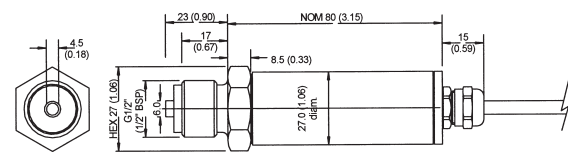
Specifications can change without notice

DRAWING / Dimensions in mm (inches)

Connector version



Cable version



Ordering Information

CER-1 xxx

G

T

4

A

CER-1000 Series

Pressure ranges

001: 0 to 1 bar	016: 0 to 16 bar
N01: -1 to +1 bar	020: 0 to 20 bar
P01: -1 to 0 bar	025: 0 to 25 bar
1.6: 0 to 1.6 bar	035: 0 to 35 bar
002: 0 to 2 bar	040: 0 to 40 bar
N03: -1 to +3 bar	050: 0 to 50 bar
004: 0 to 4 bar	070: 0 to 70 bar
005: 0 to 5 bar	100: 0 to 100 bar
006: 0 to 6 bar	150: 0 to 150 bar
N09: -1 to +9 bar	200: 0 to 200 bar
010: 0 to 10 bar	300: 0 to 300 bar
N15: -1 to +15 bar	400: 0 to 400 bar

Other ranges available

Electrical connection

A: connector
C: cable

Output signal

4: 4...20 mA

Process connection

Q: G1/4" (1/4" BSP)
T: G1/2" (1/2" BSP) Standard
X: Other (Specify)

Pressure mode

G: Gauge pressure
A: Absolute pressure

Other Klay Pressure Transmitters



Series: CER-8000



Series: 8000

- Fully adjustable
- Accuracy 0.2 or 0.1%
- Many process-connections
- ATEX II 1 G
- Flush diaphragms



Series: CER-2000

