

C91 Series

Pressure Transmitter

C91 is the new series of compact and low-cost pressure transmitters ideal for automation and general industrial applications, which can also be used for level measurements (piezometric)

Newly conceived, accurate and reliable tools with innovative electronic technology that, in addition to traditional analogue outputs, can also be ordered with HART communication or directly with RS485 serial port (Modbus) for direct connection to an acquisition system, generally typical of products of much higher range.

Available for absolute, gauge and even barometric pressure measurements in many ranges ranging from -1 bar (-100 kPa) up to 1000 bar (100 Mpa), with various hydraulic coupling possibilities to the process and with DIN 43650 or even With direct cable at various lengths.

Very compact and robust tools, suitable for any monitoring and automation application.

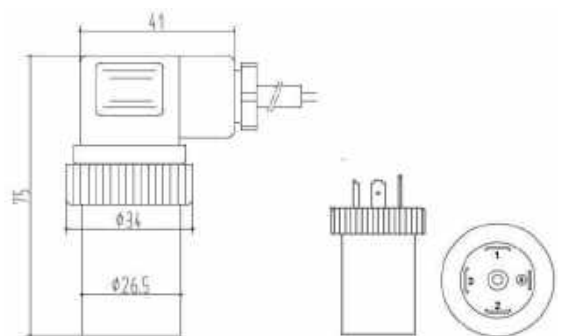
Thanks to the RS485 digital port, they are ideal for use with CEAM CWS - Factory 4.0 web platform.

Pressure Gauge
Absolute
Barometric



Digital Version Available
Rs485 Modbus - HART

Draw & Dimension



General Technical Specifications:

- Process industrial pressure transmitters
- Compatibility: Gas, Liquids, Non-flammable, non-explosive fluids.
- Type of measurement: Gauge Pressure - Absolute - Barometric
- Technology: Silicon Piezoresistive Chip - MEMS Technology
- Range: Various from -1 bar to 1000 bar
- Precise: $\pm 0.25\%$ FS (Typical)
- Long Stability Period: Better than 0.2% FS / Year
- Operating Temperature: $-20 \div 125$ °C (Storage $-40 \div 125$ °C)
- Measurement type: Gauge - Absolute - Barometric
- Output Type: $4 \div 20$ mA - $0.5 \div 4.5$ V - $1 \div 5$ V - $0 \div 5$ V - $4 \div 20$ mA
- Communication: Rs485 Modbus - HART
- Construction Material: Contact parts AISI316 - External AISI304
- Index Protection: IP65
- Conformity: CE

For more details refer to the complete technical manual

Process Connection

Thread	M20*1.5	M20*1.5	G1/2
Dimension in mm Max 27mm			
Code	A1(with tube)	A2	A3

How to Order:

Transmitters can be ordered in various options directly selectable in the Online configurator on www.sensorstore.it searching the product C91, or direct by QRCEAM System.

Suggested Accessories:

- C804-S04-M - Industrial Power Supply 85 + 264 Vac - 24 Vdc (0.66A) Din Rail - Art. 5A960
- C804-S1-M - Industrial Power Supply 100 + 240 Vac 24 Vdc (2.5A) Din Rail - Art.5A322
- C810-1PH - Noise Filter - Single Phase 10A - Art. 5596 - Art. 5596
- C810-FUL-1PH - 1PH - Extra Voltage Network Protection - Single Phase - Art. 5861
- C809-02 - Passive Signal Isolators 4 + 20 mA Single or Double - Various models

