

Pressure Sensor – 50 Bar

Gas and non-aggressive liquids

Key Features

- Pressure Range: 0 to 50 bar (725 psi)
- IP65 rating
- Accuracy: $\pm 1\%$
- Power Supply: 24 VDC
- Output: 4...20 mA
- Measure: pressure
- Ceramic core, resistant to moisture



About

Stay on top of pressure issues with CAA Sensors' pressure sensor. Easy to install with 4-20mA data output.

We recommend at least two pressure sensors are installed on compressed and gas systems:

- one (1) pressure sensor on the wet side of the system to monitor compressor output and
- one (1) pressure sensor on the dry side of the system to measure the system supply pressure.

However, you can install pressure sensors in many locations to measure pressure loss and identify problems with filters, dryers or other equipment. Connect the pressure sensor to your SCADA to receive notification of pressure drops.

Applications

- Manufacturing and industrial use
- Gas and non-aggressive liquids
- Temporary or permanent installation
- Gas pressure up to 50 bar (725 psi)



More Info

Specifications

Sensor Information	
Technology	Ceramic core, resistant to moisture
Medium	Gas Non-aggressive liquids
Measurement Range:	0 to 50 bar 0 to 725 psi
Accuracy	±1%
The accuracy and response time of the sensor can be affected by the on-site conditions, contaminants in the gas and incorrect installation.	
Power	
Power Requirement	≤10mA, 24V DC
Electrical Connection	4 pin M12, female
Output	
Output	Analogue: 4 to 20mA (2 wire)
Output Signals	Pressure

Other	
Process Connection	ISO G1/4" thread
IP Rating	IP65
Housing Material	Stainless Steel
Ambient Temperature	-30°C to +80°C -22°F to +176°F
Dimensions	68 mm L x 22 mm W 2.7" L x 0.9" W
Installation	Permanent or Temporary
Warranty	12 months

How to Order

Buy online: www.compressedairalliance.com/products

