



## PRESSURE SENSORS

Monitor your compressed air pressure.



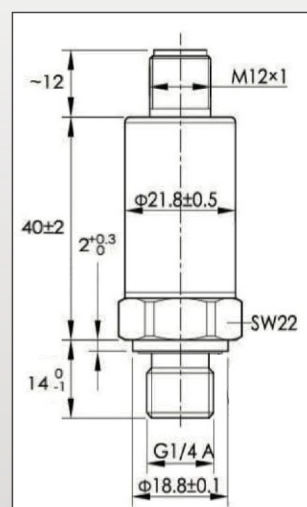
### PRESSURE SENSOR APPLICATIONS

- Measure directly at the compressor outlet
- Measurement of compressed air consumers
- Measure pressure stability during your process
- Efficiency measurement
- Identify pressure loss
- Warning when pressure is too low/high

### PRESSURE SENSOR FEATURES

- Reliable pressure indicator
- Cost-effective measurement
- Applicable almost anywhere

### PRESSURE SENSOR DIMENSIONS



## PRESSURE SENSOR TECHNICAL DATA

General Specifications		
Supply voltage	24 VDC (12 ... 32 VDC)	
Casing material	Stainless steel	
Mechanical connection	G 1/4" A (ISO 228/1)	
Electrical connection	M12 connector, 4 pins	
Proof pressure	2 x F.S.	
Vibration resistance	IEC 60068-2-6 (5 ... 2000 Hz, 10 g)	
Shock resistance	IEC 60068-2-27 (50 g, 11 ms)	
EMC proof	IEC 61000-6-2/3/4	
	<b>4 ... 20 mA Loop powered</b>	<b>Modbus*</b>
Accuracy	±0.5 % F.S. (typ.)	0.25 % F.S.
Media temperature	-30 ... +100 °C	-40 ... +85 °C
Output signal	4 ... 20 mA, 2-wire	Modbus/RTU
Protection	IP67	IP65
Storage temperature	-40 ... +100 °C	-40 ... +85 °C
Operating temperature	-30 ... +80 °C	-40 ... +85 °C
Repeatability	< ± 0.25 % F.S.	0.1 % F.S.

### Modbus version:

Baud rate: 19200

Framing/Parity/Stop: 8, N, 1

Device address: Last two digits of the serial number

\* Please specify the required Modbus parameters in your order.

## PRESSURE SENSOR ORDERING

[catair.com.au](http://catair.com.au)

Please use the following table to assist in placing your order with our sales staff.

Pressure Sensor	
Order No.	Description
<b>S694 3557</b>	Pressure sensor, 1.6 MPa, 4 ... 20 mA loop powered, M12 connector
<b>S694 3558</b>	Pressure sensor, 4.0 MPa, 4 ... 20 mA loop powered, M12 connector
<b>S694 2559</b>	Pressure sensor, 1.6 MPa, Modbus/RTU, M12 connector
<b>A553 0104</b>	Sensor cable 5 m, with M12 connector, open wires
<b>A553 0105</b>	Sensor cable 10 m, with M12 connector, open wires
<b>R200 0030</b>	Pressure sensor calibration 1.6 MPa type, at 3 points