



Pressure Sensor PCE-PS 420



Pressure sensor up to 400 bar / relative pressure measurement / analog output / 4... 20mA

The simple pressure sensor PCE-PS 420 can be used everywhere where simple pressure is to be measured. The measured pressure is provided as a 4 ... 20mA analog value on the pressure sensor. With the open cable ends, the pressure sensor can be connected to a display with 4 ... 20 mA input. The pressure sensor is operated with a voltage of 9-30 V DC. With the 1/4" NPT, the pressure sensor can be connected in every process. The measuring range extends from 2 to 400 bar relative pressure. The pressure sensor has the accuracy class 1.

- ▶ Max. 400 Bar (selectable)
- ▶ 4 ... 20 mA output
- ▶ Media: non-corrosive gases and liquids
- ▶ Pressure: relative
- ▶ Diaphragm: ceramic
- ▶ Accuracy class: 1

Subject to change

Specifications

Technical Specification PressureSensorPCE-PS 420

Pressure range	2 Bar
	5 Bar
	10 Bar
	20 Bar
	50 Bar
	100 Bar
	400 Bar
General Technical Data	
Accuracy	< ±1 % FSO (@ 10 ... 40 °C)
Zero stability	< ±2 % FSO (@ 10 ... 40°C)
Media	Non-corrosivegases and liquids
Temperatureranges	0 ... 60 °C
Diaphragm	ceramic
Load	500 Ohm
Analogoutput	4 ... 20 mA
Powersupply	9 ... 30 V DC
Processconnection (selectable)	1/4" NPT
Dimensions	30 mm x 85 mm
Connectingcable	4 pole
	ca. 1 m
Connection assignment	Red: Power +
	Black: Power -
	White: Signal +
	Green: Signal -

More information

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