

Low Cost High Accuracy Pressure Sensor



Compact size, high accuracy and low cost are realized by PC-920 series.

- SUS316L used for pressure sensing area realizing high corrosion resistance allowing wide usage for fluid.
- Easy piping works with cables separately connected through connector.
- Total cost reduction achievable by shorter installation time. Easy replacement of pressure sensor.

Specification

Model	Gauge Pressure					
	KPa	300KPG	500KPG	1MPG	1.5MPG	20MPG
Pressure Range	kgf/cm ²	0 to 3.059	0 to 5.098	0 to 10.19	0 to 15.29	0 to 203.94
	PSI	0 to 43.5	0 to 72.5	0 to 145	0 to 217.5	0 to 2,900

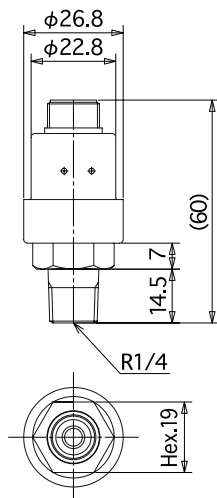
※Output reference can be set to vacuum (-100KPa) as option. Specify when you order.

Accuracy (% Full Scale)	±0.5%
Overload Pressure	Full Scale ×2
Excitation (Power Supply) Voltage	DC 12 to 26V
Storage Temperature	-40 to 85°C (no power distribution)
Guaranteed Temperature	0 to 70°C
Temperature Drift	±0.05%FS/°C
External Leakage	2 × 10 ⁻¹¹ Pa · m ³ /sec
Gas (Fluid) Contacting Area	Body: SUS316L (electrochemical polishing) Diaphragm part: SUS316L
Joint	1/4" Taper screw, VCR®, Swagelok®, and others

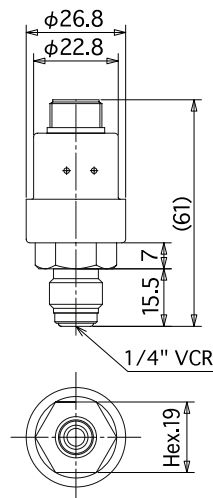
Model	924	925
Signal Output	4 to 20mA	0 to 5V
Span	16mA ± 0.16mA	5V ± 0.5V
Offset	4mA ± 0.4mA	0V ± 0.1V

Dimensional Outline Drawings

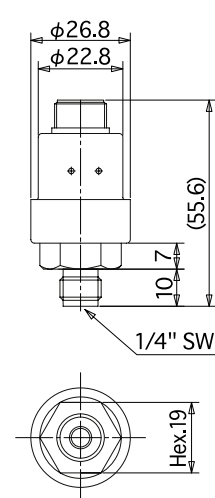
PC-924A-R



PC-924A-VR



PC-924A-SW



Pressure
Sensor

How to Order

Signal Output Shape of Joint Pressure Range Output Standard

PC - 924 A - VR - 300KPG - M - CT - V

924 : 4 to 20mA 925 : 0 to 5V	R : 1/4" Taper Screw VR : 1/4" VCR® SW : 1/4" Swagelok®	300KPG : 0 to 300KPa 500KPG : 0 to 500KPa 1MPG : 0 to 1,000KPa 1.5MPG : 0 to 1,500KPa 20MPG : 0 to 20,000KPa	Blank : Atmosphere Pressure V : Vacuum
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● Connection cable separately available (see P. 84)

※ Specification is subject to change without notice.