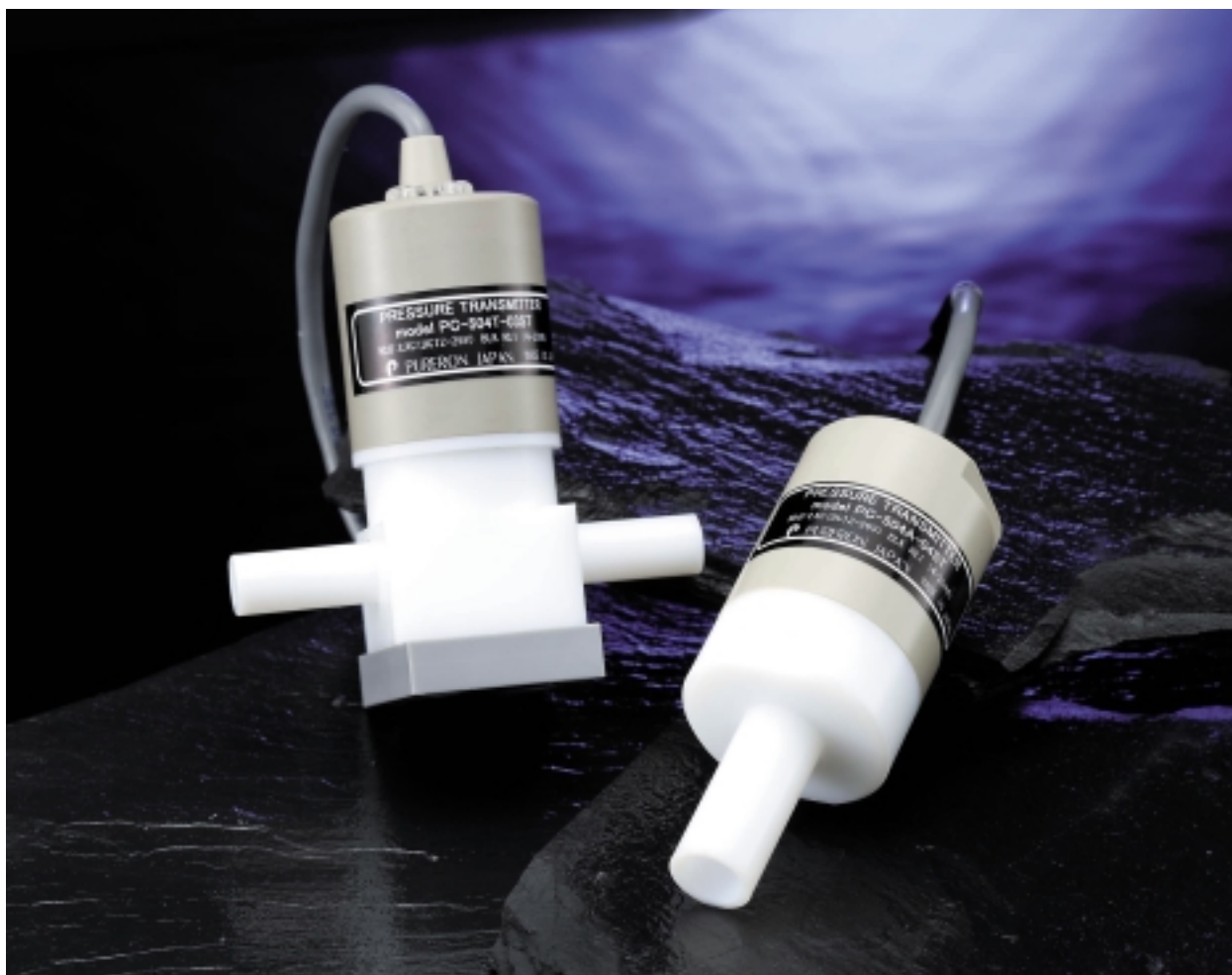


Chemical Pressure Sensor

**High Corrosion Resistance**

- Teflon® used for fluid contacting area suitable for safe use of ultra pure water up to strong corrosive fluid in semiconductor or chemical production lines.

Output

- Selectable 0 to 100mV, 4 to 20mA, 0 to 5V, 1 to 5V or 0 to 10V

Wide Measurement Range

- Wide pressure measurement applicable for purified water, strong acid, corrosive medicinal solution. Vacuum draw available as option. For selection of joint, please contact us.

Specification

Model	Gauge pressure ※			
	KPa	150KPG	500KPG	1MPG
Pressure Range	kgf/cm ²	0 to 1.529	0 to 5.098	0 to 10.19
	PSI	0 to 21.75	0 to 72.51	0 to 145

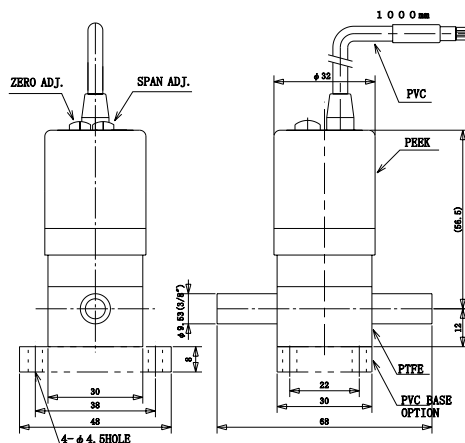
※Output reference can be set to vacuum (-100KPa) as option. Specify when you order.

Accuracy (% Full Scale)	±2%
Overload Pressure	Full Scale ×2
Storage Temperature	Liquid temperature 0 to 80 °C Ambience temperature 0 to 50 °C
Guaranteed Temperature	0 to 70°C
Gas (Fluid) Contacting Area	PTFE
Joint	1/4" Taper screw, NPT, straight tube etc. various joints are applicable. For details, please contact us.

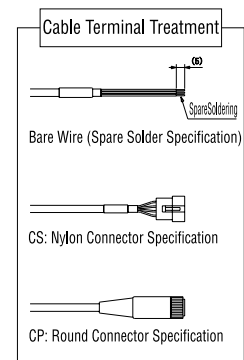
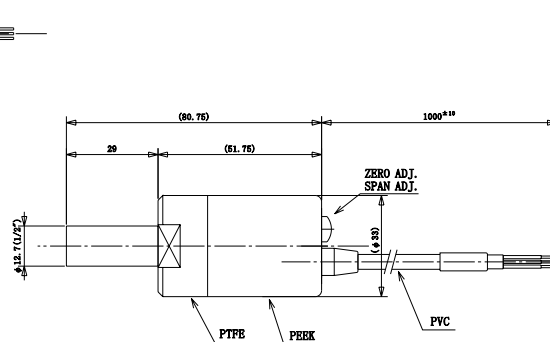
Model	501	504	505	510	515
Excitation (Power Supply) Voltage	DC 5V	DC 12 to 26V			
Signal Output	0 to 100mV	4 to 20mA	0 to 5V	0 to 10V	1 to 5V
Span	100mV ± 15mV	16mA ± 0.16mA	5V ± 0.5V	10V ± 1V	4V ± 0.4V
Offset	0mV ± 10mV	4mA ± 0.4mA	5V ± 0.1V	0V ± 0.1V	1V ± 0.1V

Dimensional Outline Drawings

PC-504T-03ST



PC-504A-04ST



Pressure
Sensor

How to Order

PC - 501A - 03 PT - 150KPG - V - CS

Signal Output

501: 0 to 100mV
504: 4 to 20mA
505: 0 to 5V
510: 0 to 10V
515: 1 to 5V

Piping Connection

A: Straight
T: T Angle

Blank: 1/4"
03: 3/8"
04: 1/2"

Bore Diameter

PT: Taper Screw
ST: Straight Tube
KF: KURABO FINAL-LOCK®
Others

Pressure Range

150KPG: 0 to 150KPa
500KPG: 0 to 500KPa
1MPG: 0 to 1,000KPa

Output Standard

Blank: Atmosphere Pressure
V: Vacuum

Cable Terminal Treatment

Blank: Bare Wire (Spare Solder Specification)
CS: Nylon Connector Specification
CP: Round Connector Specification
※Standard length 1 m

●Cable

PC - CS 4 - 1 M

Blank: For 501 4: For 504 5: For 505 / 510 / 515

1: 1m
2: 2m
3: 3m

※Specification is subject to change without notice.