

Pressure Transmitter with Indicator



PCD-905 series is high accuracy pressure sensor with indicator having superior temperature characteristic. SUS316L is used for gas (fluid) contacting area for superior corrosion resistance. Output is 0 to 5V to be connected with various digital panel meters and programmable controllers.

High Accuracy / High Reliability

● High accuracy and high reliability with $\pm 0.25\%$ maximum deviation from best fit line affected by linearity, hysteresis repeatability.

Bright and Eye-Friendly LED Display

● 3-1/2-digit 9.4mm height large character display used.

Output

● Output is 0 to 5V to be connected with various programmable controllers.

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 203.9
	PSI	0 to 43.5	0 to 72.5	0 to 145	0 to 217.5	0 to 2,900
Accuracy (% Full Scale)		±0.5%			±0.25%	

■ Sensor part

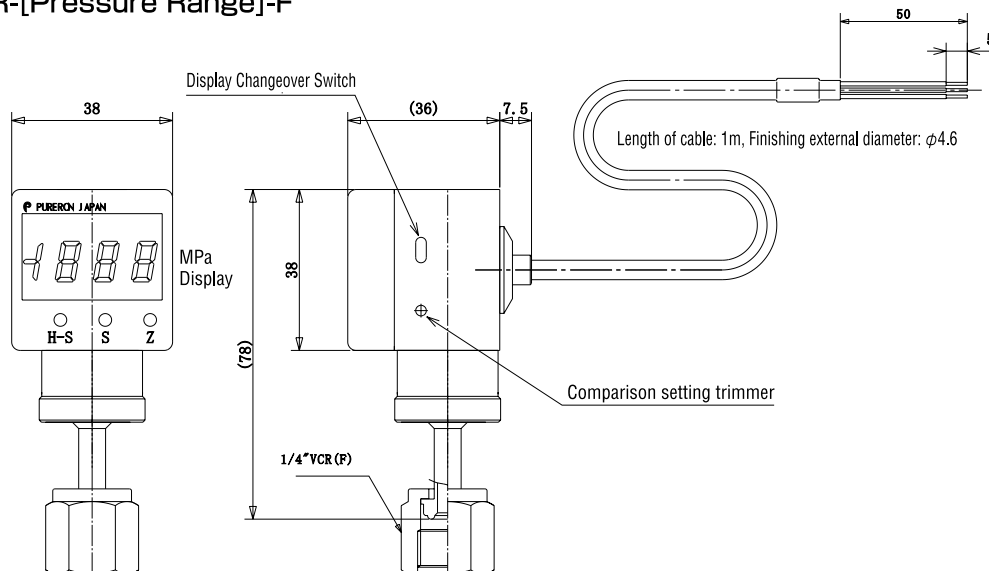
Overload Pressure	Full Scale ×2
Excitation (Power Supply) Voltage	DC 12 to 26V
Storage Temperature	-40 to 85°C (no power distribution)
Guaranteed Temperature	0 to 40°C
Temperature Drift	±0.05% FS/°C
Signal Output	0 to 5V
Span	5V ± 0.5V
Offset	0V ± 0.1V
External Leakage	2×10 ⁻¹¹ Pa · m ³ /sec
Gas (Fluid) Contacting Area	SUS316L
Joint	1/4" VCR®, Swagelok®

■ Display part

Height of Character	9.4mm
Character Color	Red
Displayed Digits	3-1/2 digits (1999)
Accuracy	±2count
Material of Case	Front panel: ABS Rear case: aluminum
Comparison Output	Accuracy: ±5 digits Hysteresis: ±5 digits Range of comparison setting: 50 to 1999 Open collector output: max. DC 26V 30mA

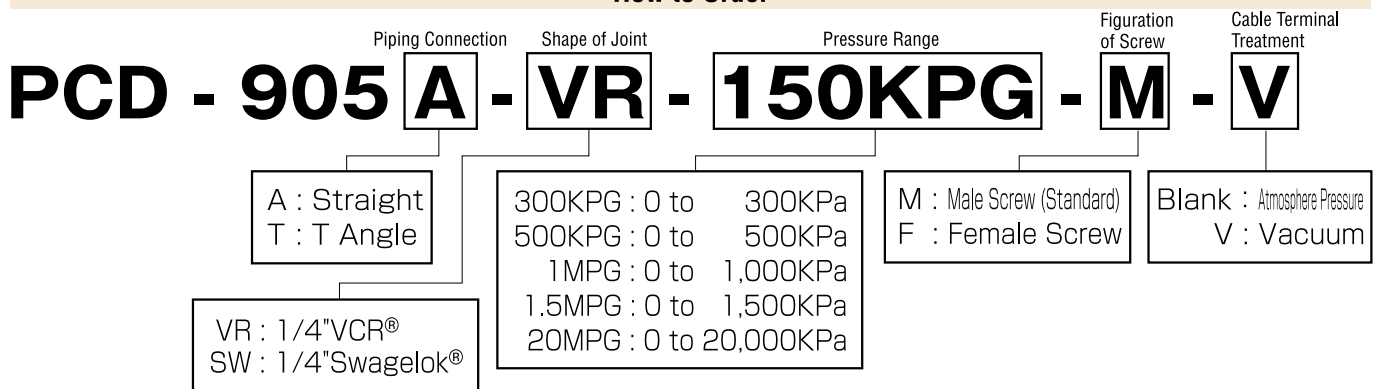
Dimensional Outline Drawings

PCD-905A-VR-[Pressure Range]-F



Pressure
Sensor

How to Order



※Specification is subject to change without notice.