

Electronic Pressure Switches/Sensors (Remote Type)

Compact Pneumatic Pressure Sensor PSE53



- Connector type
- Analog output (Voltage)

Series	Type	Rated pressure range
PSE531	Vacuum pressure	0 to -101 kPa
PSE533	Compound pressure	-101 to 101 kPa
PSE532	Positive pressure	0 to 101 kPa
PSE530	Positive pressure	0 to 1 MPa

Compact Pneumatic Pressure Sensor PSE54



- Analog output (Voltage)

Series	Type	Rated pressure range
PSE541	Vacuum pressure	0 to -101 kPa
PSE543	Compound pressure	-100 to 100 kPa
PSE540	Positive pressure	0 to 1 MPa

Low Differential Pressure Sensor PSE550



- Suitable for applications such as air current volume maintenance, filter blockage, and liquid surface detection.
- Analog output (Voltage/Current)

Series	Type	Rated differential pressure range
PSE550	Vacuum pressure	0 to 2 kPa

Pressure Sensor for General Fluids PSE56



- Wetted parts: Stainless steel 316L
- IP65
- Suitable for a wide variety of fluids
- Analog output (Voltage/Current)
- Low leakage
- VCR®, Swagelok® compatible fittings can be selected.

Series	Type	Rated pressure range
PSE561	Vacuum pressure	0 to -101 kPa
PSE563	Compound pressure	-100 to 100 kPa
PSE564	Positive pressure	0 to 500 kPa
PSE560	Positive pressure	0 to 1 MPa

Pressure Sensor for General Fluids PSE57



- Withstand voltage: 500 VAC
- Enclosure: IP65
- Materials of parts in contact with fluid
Piping port: C3604 + Nickel plating
Pressure sensor: Al₂O₃ (Alumina 96%)
O-ring: FKM + Grease

Series	Type	Rated pressure range	Proof pressure
PSE570	Positive pressure	0 to 1 MPa	3.0 MPa
PSE573	Compound pressure	-100 to 100 kPa	600 kPa
PSE574	Positive pressure	0 to 500 kPa	1.5 MPa
PSE575	Positive pressure	0 to 2 MPa	5.0 MPa
PSE576	Positive pressure	0 to 5 MPa	12.5 MPa
PSE577	Positive pressure	0 to 10 MPa	30 MPa

Electronic Pressure Switches/Sensors (Remote Type)

Multi-Channel Digital Pressure Sensor Controller PSE200



- 4 sensors can be connected.
- Applicable sensors: PSE53□, 54□, 56□, 570, 573
- A single controller can be used to monitor various applications.
- 4 inputs, 5 outputs

Series	Set pressure range
PSE200	-101 to 101 kPa
	10 to -101 kPa
	-10 to 101 kPa
	-0.1 to 1 MPa

2-Color Display Digital Pressure Sensor Controller PSE300



- Applicable sensors: PSE53□, 54□, 550, 56□, 570, 573, 574
- Compatible with voltage input and current input
- Response time: 1 ms
- Space saving, Capable of vertical and horizontal contact mounting
- Panel mounting, Bracket mounting, DIN rail mounting

Series	Set pressure range
PSE300	-101 to 101 kPa
	10 to -101 kPa
	-10 to 100 kPa
	-0.1 to 1 MPa
	-50 to 500 kPa
	-0.2 to 2 kPa

Mechanical Pressure Switches

Pressure Switch/Reed Switch Type IS10



- 16% lighter, 11% smaller (Compared with the IS1000)
- Service life: 5 million cycles
- Can be connected to modular type F.R.L. units

Series	Type	Set pressure range
IS10	Positive pressure	0.1 to 0.4 MPa
		0.1 to 0.6 MPa

Pressure Switch/Micro Switch Type IS3000



- Can be used for micro loads, around 10 mA e.g.
- With neon light

Series	Type	Set pressure range
IS3000	Positive pressure	0.1 to 0.7 MPa