

PRESSURE TRANSMITTER

MODEL
SPL



FEATURES

- Accuracy $\pm 0.5\%$, F.S.
- Field-temperature compensation function(-25 to +85°C)
- Thick film strain gage on ceramic and stainless steel(SUS316)
- Pressure range from -1 to 250 bar
- Response time <5milli seconds
- Output DC4~20mA RL(max.) $<[(Vs-9V)/0.02A] \Omega$
- Protection class NEMA4/IP68

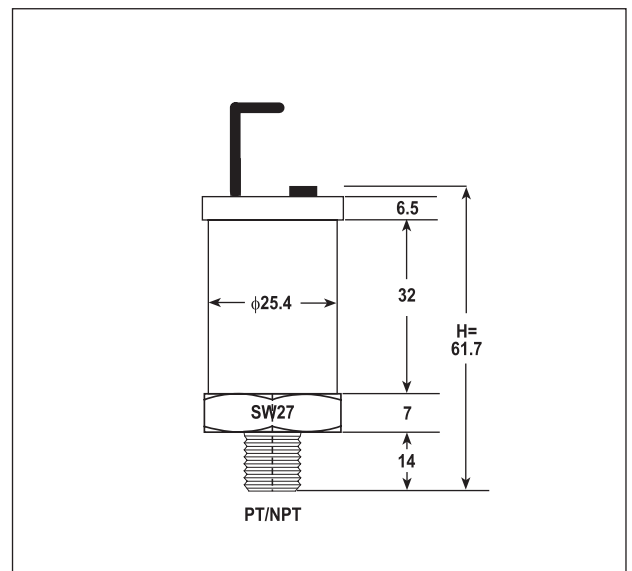
1.MODEL:SPL-□ □ □ □ - □ □

NO	Pressure Type	NO	Pressure Range	NO	Pressure Range	NO	Pressure Range	NO	Pressure Range	NO	Output cable length	NO	Pressure connection
G	Gauge	1001	0~1.0 bar	6001	0~6.0 bar	4002	0~40 bar	2503	0~250 bar	A	1.8M(standard)	1	1/4" PT
A	Absolute	1601	0~1.6 bar	1002	0~10 bar	6002	0~60 bar	x102	-1~0 bar	B	Customer	2	1/4" NPT
		2501	0~2.5 bar	1602	0~16 bar	1003	0~100 bar	xxxx	Customer		*3 cond.+shield #28AWG,PVC	3	1/2" NPT
		4001	0~4.0 bar	2502	0~25 bar	1603	0~160 bar					9	Customer

2.SPICIFICATION

- Two-wire supply voltage input : DC10 to 30V
- Measuring accuracy : $< \pm 0.5\%$ F.S.(25 $\pm 10^\circ\text{C}$)
- Repeatability accuracy : $< \pm 0.1\%$ F.S.
- Maximum permissible over pressure : Maximum 2 x rated(<160Bar)
Maximum 1.5 x rated(>160Bar)
- Burst pressure : 3 x rated (<100Bar)
2.25 x rated (>100Bar)
- Response time : <5ms (10~90%)
- Output drive capability : $<[(Vs-9V)/0.02A] \Omega$
- Output ripple(p-p) : <0.1% F.S.
- Zero(offset) range : 0~ $\pm 5\%$ F.S.
- Span(scale) range : 0~ $\pm 5\%$ F.S.
- Diaphragm materials : Ceramic Al2O3-96%
- Pressure port materials : Stainless steel 1.4401(SUS316)
- Housing materials : Stainless steel 1.4301(SUS304)
- Seale(media wetted)materials : NBR<10 Bar
PVDF>10 Bar
- Thermal span shift : $\pm 0.04\%$ F.S./ $^\circ\text{C}$
- Thermal zero shift : $\pm 0.04\%$ F.S./ $^\circ\text{C}$
- Zero point long term stability : $\pm 0.2\%$ F.S./year(<160 Bar)
 $\pm 0.3\%$ F.S./year(>160 Bar)
- RFI protection : 2W-150MHz at 2 meter causes less than 0.5% change in output
- Operating temperature range : -25 to 85°C
- Storage & medium temperature range : -40 to 125°C
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.DIMENSION(unit:mm)



4.TERMINAL CONNECTION

