

DIGITAL PRESSURE TRANSMITTER 2.5"

MODEL
SPD2



FEATURES

- Accuracy 0.25% F.S.)
- Thick film strain gage on ceramic and stainless steel(SUS316)
- Pressure range from -1 to 250 bar
- Display pressure units bar, Kg/cm²,KPa,MPa,PSI,mmHg,inHg can be modified
- Memory hold maximum value and minimum value function
- Field-rangable supply voltage from 10 to 28 Vdc
- RL(max.)<[(Vs-8V)/0.02A]Ω ,up to 800 ohms at 24Vdc
- Protection class NEMA4/IP65

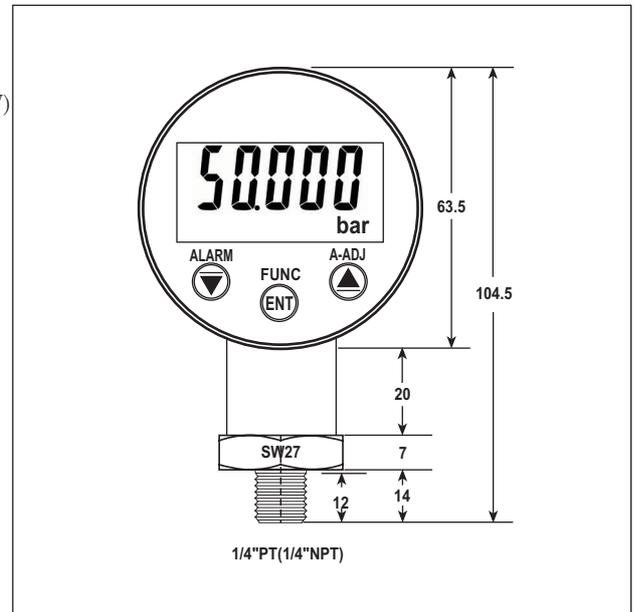
1. MODEL: SPD2-□ □ □ □

NO	Pressure Range	NO	Pressure Range	NO	Output Range	NO	Output Range	NO	Pressure Connection	NO	Cable Length
1	-1~2 bar	4	0~250 bar	1	DC4~20mA(2-wire-system)	4	DC0~10V(3-wire-system)	1	1/4"PT	2	2M(standard)
2	-1~10 bar			2	DC4~20mA(3-wire-system)	5	Customer(3-wire-system)	2	1/4"NPT	9	Customer
3	-1~50 bar			3	DC1~5V(3-wire-system)			9	Customer		*3 cond.+shield,28AWG,PVC

2. SPECIFICATION

- Measuring accuracy : 0.25% F.S.
- Supply voltage : DC10 to 28V(Output=DC4~20mA/1~5V)
DC14 to 28V(Output=DC4~20mA(2-wire)/DC0~10V)
- Indication cycle : 0.2/0.5/1.0/2.5/5.0 S selective
- Readout (measuring) range : -19999~99999 digit
- Zero (offset) range : 0~±999 digit adjustable
- Span range : 0~±999 digit adjustable
- Maximum permissible over pressure : Maximum 2 x rated (<160Bar)
Maximum 1.5 x rated (>250Bar)
- Burst pressure : 3 x rated (<60Bar)
1.8 x rated (>60Bar)
- Response time : 50ms (10~90%)
- Output drive capability : <[(Vs-12V)/0.02A]Ω (Current 2-wire)
<[(Vs-8V)/0.02A]Ω (Current 3-wire)
>1KΩ (Voltage 3-wire)
- Output ripple(p-p) : <0.1% F.S.
- Thermal span shift : ±0.05% F.S./10°C
- Thermal zero shift : ±0.05% F.S./10°C
- Zero point long term stability : ±0.1% F.S./year(<160 Bar)
±0.15% F.S./year(>250 Bar)
- Display : Bright red LEDS high 10.16mm (0.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Diaphragm materials : Ceramic Al₂O₃-96%
- Pressure port materials : Stainless steel 1.4401(SUS316)
- Seale(media wetted)materials : NBR <16Bar
PVDF >16Bar
- Display housing materials : FR-PET(UL94-VO)
- Operating temperature range : -10 to 60°C
- Storage & medium temperature range: -30 to 80°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. CONNECTION DIAGRAM

