



Wiring Data Information

M12 x 1, 5 PINS

Signal	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
mA	V+	SP2(Switch 2)	GND(Supply -)	SP1(Switch 1)	Output
V	V+	SP1(Switch 1)	GND(Supply -)	SP2(Switch 2)	Output

The **SPS** series is a Electronic Pressure Switch, Transducer and Digital Display in one device. The SPS is designed for general industrial applications such as hydraulic and pneumatic systems, pressure monitoring and control, pumps and compressors.

- PNP Switching, voltage and current outputs
- Switching Set points are adjustable
- Displays peak pressure value and environmental temperature

- Housing with display and electrical connection rotates 330 degrees

ELECTRICAL:

Output: 4 - 20mA
0 - 20mA
0 - 5 V
0 - 10V
Power Supply: 12 - 30 VDC

ACCURACY:

± 0.5% (Full Scan)

INDICATOR:

3 Display buttons (back lighted)
Unit: PSI, Bar, mBar, Pa, kPa, MPa

PROTECTION:

IP65 - M12 Cable

MEDIA TEMPERATURE:

-22° to 176°F (-30° to 80°C)

WORKING TEMPERATURE:

-22° to 176°F (-30° to 80°C)

STORAGE TEMPERATURE:

-40° to 176°F (-40° to 80°C)

PRESSURE RANGE:

-14.5 - 8700 PSI (-1.0 - 600 Bar)

OVERLOAD PRESSURE:

1.5 times of pressure range

MATERIAL:

Wetted Area: Stainless steel
Body: 304 Stainless Steel

ORDERING INFORMATION

SPS	- A	- 0/100	- 4M	- M5
Model	Type	Pressure Range	Port Size	Terminal
SPS	A: 4 - 20 mA A1: 0 - 20 mA B: 0 - 5 V C: 0 - 10V	Specify Pressure Range Required	4M - 1/4 NPT 4S - 7/16 x 20 SAE Male 4G - 1/4 BSPP (undercut for an o-ring seal) 4GS- 1/4 BSPP (no undercut) M12 - M12 X 1.5 M14 - M14 X 1.5 Consult Factory for other sizes	M5 - M12 X 1