



Wiring Data Information								
M12 x 1, 5 PINS (without RS485 communication)								
Signal	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5			
mA	V+	K1 (Switch 1)	GND	K2 (Switch 2)	AO (Analog Output)			
M12 x 1, 8 PINS (with RS485 communication)								
Signal	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
mA	V+	K1 (Switch 1)	GND	K2 (Switch 2)	AO (Analog Output)	A (RS485-A)	B (RS485-B)	NC

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 settable
- Displays peak pressure value and environmental temperature

- Housing with display and electrical connection rotates 330 degrees
- Optional RS 485 Communication Link

ELECTRICAL:

Output Configurations: switching

Power Supply: 12 - 30 VDC

ACCURACY:

± 0.5% (Full Scan)

INDICATOR:

OLED, 2x Red LED,
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: 316 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 Consult Factory for Other Ranges	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 (5 PIN without RS485 communication) M8 - M12 X 1 (8 PIN with RS485 communication)