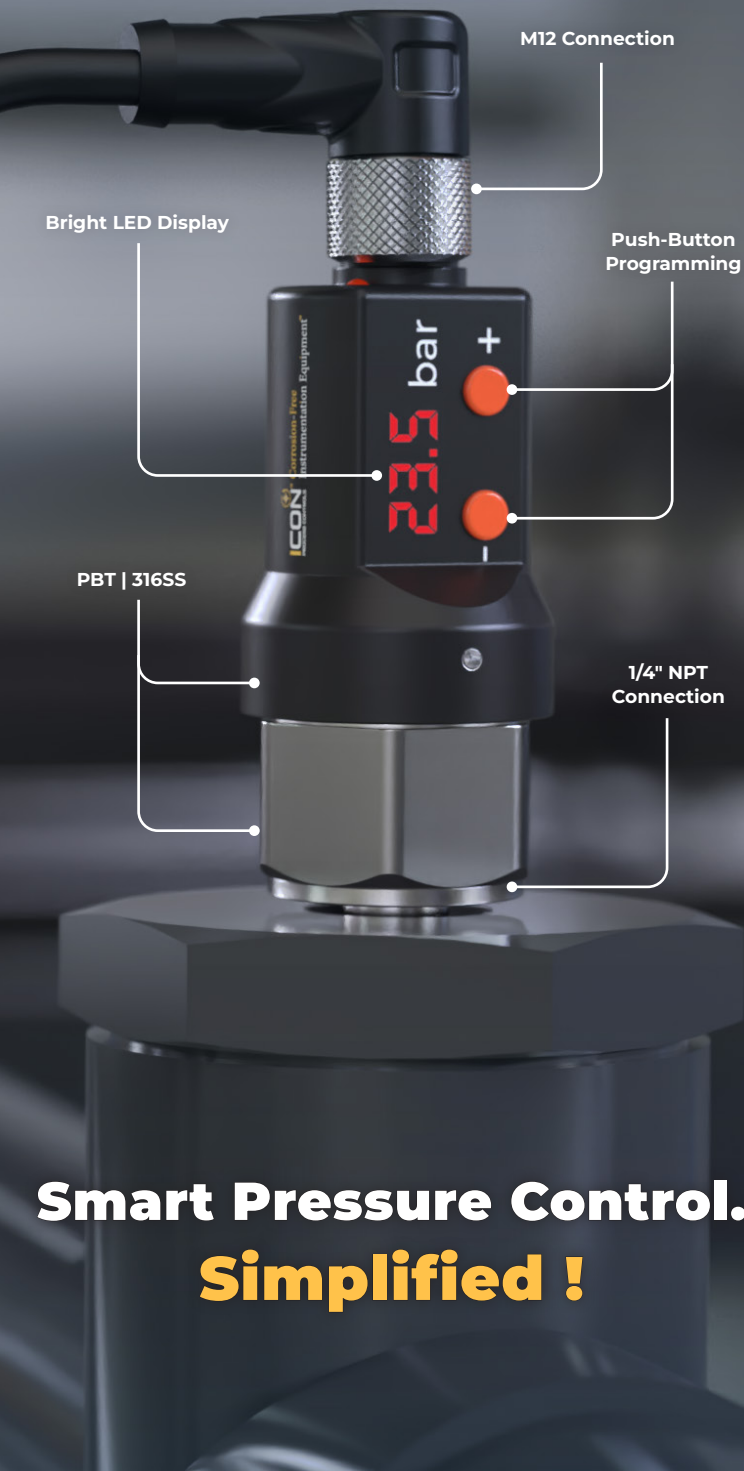


LevelPro® – LPS50 Series

Digital Pressure Switch

- ✓ Small Compact Design
- ✓ Bright LED Display
- ✓ M12 Connection
- ✓ PNP | NPN Outputs



Continuous Pressure Insight

The **LevelPro® LPS Series** Pressure Switches uses a monocrystalline silicon diaphragm for precise pressure measurement, with built-in circuits converting signals to standard industrial outputs and digital displays.



Specifications

Supply Voltage	12~30VDC
No-Load Current Consumption	Max. 30mA, 24VDC Power Supply
Output	PNP / NPN NO / NC Programmable
Switch Load	<200mA
Response Time	<10ms
Switching Accuracy	≤±0.5% of range
Wiring Protection	Inverted Phase, Overload
Accuracy	≤±0.5% of Range
Stability	≤±0.3% of Range
Temperature Range	-4°F ~ 185°F -20°C ~ 85°C
Diaphragm Process Connection	SS316 ¼" NPT
Body Material	PBT
Protection Class	IP67

Smart Pressure Control.
Simplified !

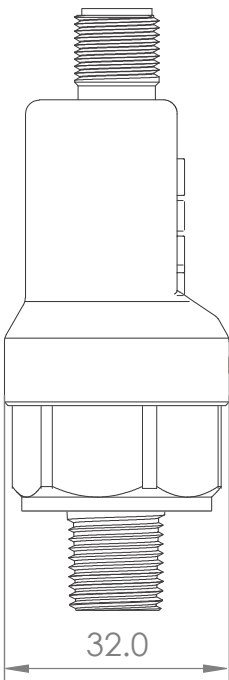
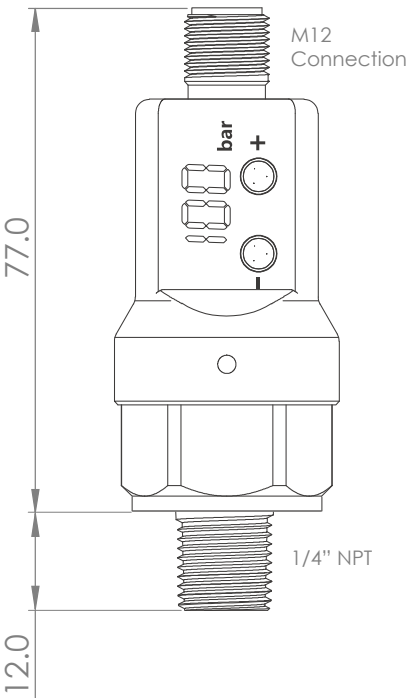
LevelPro® – LPS50 Series

Digital Pressure Switch

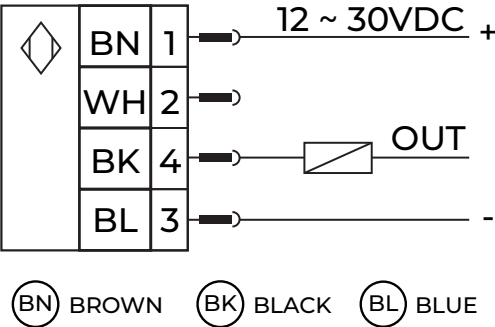
Pressure Range

Pressure Range	Bar	1	2	5	10	16
	Psi	15	29	73	145	232
Max. Overload Pressure		5x			3x	
Min. Damage Pressure		6x			4x	

Dimensions (mm)



Wiring



Model Selection

LPS – Digital Pressure Switch			
Part Number	Material	Output	Connection
LPS50-PB-M-X	PBT 316SS	PNP NPN Pulse — NC/NO	1/4" NPT

- X = Pressure Range
- 001 ▶ 0.0 - 14.5 Psi (0 - 1 Bar)
 - 002 ▶ 0.0 - 29 Psi (0 - 2 Bar)
 - 005 ▶ 0.0 - 72.5 Psi (0 - 5 Bar)
 - 010 ▶ 0.0 - 145 Psi (0 - 10 Bar)
 - 016 ▶ 0.0 - 232 Psi (0 - 16 Bar)

