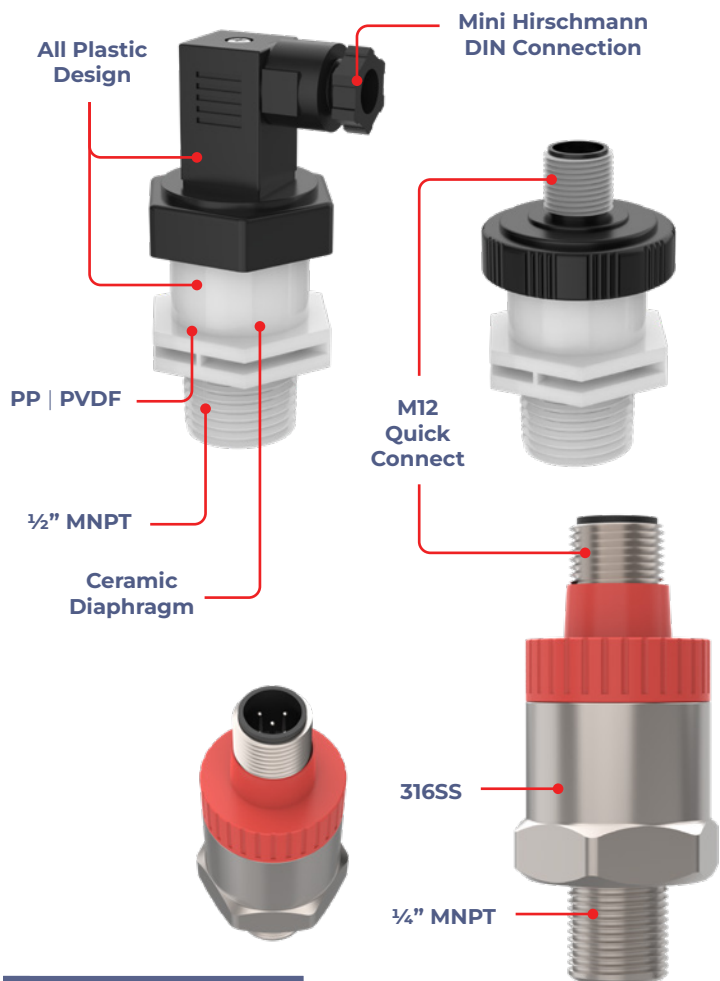


# LP50 Series

## Pressure Transmitter | Switch

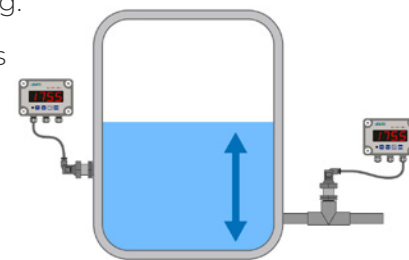


### Features

- ✓ PP | PVDF | 316SS Body
- ✓ 0 – 30 | 0 – 60 | 0 – 100 | 0-160 Psi\*
- ✓ 4-20mA Output | 2 Wire Loop Powered
- ✓ Ceramic Sensing Diaphragm
- ✓ 0.5% F.S | High Accuracy
- ✓ Excellent Chemical Resistance

The **LP50 Pressure Transmitter** was designed to measure pressure or level within industry's most demanding corrosive process applications. When measuring pressure It can be mounted vertically or horizontally, and can easily be installed into a threaded process pipe tee fitting.

The LP50 implements a state of the art ceramic measuring principle that changes the physical pressure (which equates to no more than a few microns), into a linear electronic signal that can be measured. This minimal deformation applies negligible material strain on the ceramic electronic pressure-sensing diaphragm, resulting in high resistance to alternating loads and long-term durability. Perfect for tough industrial applications.



### Specifications

Range*	0-30psi   0-60psi   0-100psi   0-160psi *
Medium	H <sub>2</sub> O   Corrosive Liquid   Gases
Accuracy	0.5% F.S
Power Supply	18 - 36VDC
Output Signal	4-20mA   2 Wire   3 Wire
Medium Temperature	-35 – +85°C
Environment Temperature	-40 – +80°C
Store Temperature	-40 – +80°C
Temperature Effect	±0.02% FS
Pressure Connection	1/2" MNPT   FNPT   1/4" MNPT (SS)
Electrical Connection	Hirschmann DIN   M12 Quick Connect

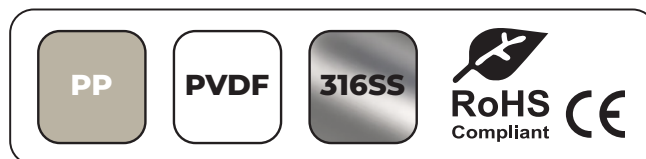
### Applications

- ✓ Chemicals
- ✓ Acids | Bases
- ✓ Tank Level
- ✓ Industrial Process Piping
- ✓ Vapor Pressure
- ✓ Leak Detection Equipment.

### Model Selection

LP50 - PP - M

Material	Output
PP: PP	F: 1/2" FNPT
PF: PVDF	M: 1/2" MNPT
SS: 316 SS	SS: 1/4" MNPT



\*Please consult factory for alternative pressure ranges.