The Series 629HLP Differential Pressure Transmitters are suitable for measuring over-pressure, under-pressure, and differential pressure in compatible gases and liquids with 1% accuracy. The 629HLP is suitable for all measuring tasks in commercial, industrial or sanitary applications. Its single sensor design, allows it to measure small increment pressure changes, and converts them to a linear analog output signal from 4 to 20 mA or 0 to 10 VDC.

FEATURES/BENEFITS
- Rugged, versatile, high accuracy device
- For liquid or gas systems requiring precise measurements
- Provide excellent response and reliability
- Suitable for static and dynamic measurements
- Converts pressure changes into 4 to 20 mA or 0 to 10 VDC output
- Compact, lightweight, capable to be installed in any arrangement making installation very simple

APPLICATIONS
- Heat exchangers
- Fan coils/air handlers
- Core testing applications
- Hydraulic systems
- High line pressures/low DP
- Pumps
- Commercial/industrial processes
- Sanitary process

SPECIFICATIONS
- Service: Compatible gases or liquids.
- Wetted Material: 304 SS.
- Housing Material: ABS.
- Enclosure Rating: IP65.
- Accuracy: ±1% from -5 to 60°C (23 to 140°F).
- Stability: ±1% FS/year.
- Temperature Limits: Ambient: -10 to 60°C (14 to 122°F); Process: -10 to 80°C (14 to 176°F).
- Relative Humidity: 10% to 90% non-condensing.
- Installation Position: Not position sensitive.
- Pressure Limits: See Pressure Range Limits chart.
- Burst Pressure: See Pressure Range Limits chart.
- Static Pressure Limits: See Pressure Range Limits chart.
- Output Signal: 4 to 20 mA, 0 to 10 VDC.
- Response Time: 50 ms.
- Rated Supply Voltage: 0 to 10 VDC Output: 12 to 36 VDC or 12 to 32 VAC (@ Max load of 2k Ω) 4 to 20mA output: 8 to 36 VDC.
- Power Consumption: Vout = 13 mA max, Iout = 24 mA max.
- Electrical Connections: Form A DIN 43650.
- Process Connections: 1/4˝ female NPT, 1/4˝ female BSPT.
- Weight: 1 lb 4 oz (567 g).
- Approvals: CE, RCM.

MODEL CHART
Example 629HLP -01 -P2 -S1 -FC 629HLP-01-P2-S1-FC Price
Series 629HLP Differential pressure transmitter $265.00
Range 01 0 to 1 bar -
02 0 to 2.5 bar -
04 0 to 4 bar -
06 0 to 6 bar -
15 0 to 15 psi -
30 0 to 30 psi -
60 0 to 60 psi -
90 0 to 90 psi -
Process Connections P2 -
P4 1/4˝ female NPT -
1/4˝ female BSPT -
Output Signal S1 4 to 20 mA -
S5 0 to 10 VDC -
Options FC Factory calibration 30.00 139.00 ②
- NIST NIST certificate
Note: PSI ranges available upon request. Contact factory for details.
② Items are net priced and are not subject to any discount.