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 4-20 mA or 0-10 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 4-20 mA or 0-10 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: 4-20 mA, 0-10 VDC.
Response Time: 50 ms.
Rated Supply Voltage: 0-10 VDC Output: 12-36 VDC or 12-32 VAC (@ Max load of 2k Ω) 4-20mA output: 8-36 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.

ACCESSORIES
Model Description
A-629HLP-BKT Mounting bracket kit
BBV-1B 3-Valve block manifold
A-228 12˝ SS flex hose