Differential Pressure Transmitters

SERIES WWDP

The SERIES WWDP Wet-to-Wet Differential Pressure Transmitter offers everything in one package by having 30 field selectable variations in just 3 models. The WWDP provides field selectable unidirectional and bidirectional pressure ranges, configurable 0-5, 1-5, 0-10 VDC, and 4 to 20 mA output. It also provides an auto-zero capability. The field selectable port swap feature eliminates costly re-plumbing if the unit is improperly installed or if the transmitter is simply replaced. An optional LCD display is available for on-site indication of line and differential pressure. The all cast aluminum housing is rated NEMA 4 (IP66). These features make the WWDP transmitter an ideal instrument for measuring the flow of various liquids and gases, pressure drop across filters, measurement of liquid level or pressurized vessels, and for use in energy management and process control systems.

FEATURES/BENEFITS
• Versatile device for liquid or gas supports designs requiring more precise measurements in support of application
• Field selectable port swap eliminates costly re-plumbing if unit is re-installed or replaced
• Uni-directional and bi-directional pressure selection with configurable output provides a single device that can meet broad application needs without having to specify multiple devices
• Optional LCD display provides local status to identify operational conditions
• NEMA 4 rated enclosure provides protection in harsh environments permitting outdoor monitoring or in areas where dust and particulate matter exists

APPLICATIONS
• Chiller monitoring
• Filter monitoring
• Liquid level
• Pressure vessels
• Process control
• Energy management

OPTIONS
Use order code: Description | Price
NISTCAL-PT1 | NIST traceable calibration certificate $139.00

SERIES 631B

The Dwyer SERIES 631B Capsuhelic® Differential Pressure Transmitter monitors differential pressure of air and compatible gases and liquids with accuracy. The design employs converting pressure changes into a standard 4-20 mA output signal for two wire circuits. Digital push-button, zero and span adjustments are easily accessed on the front cover. The Series 631 Differential Pressure Transmitter is designed to meet NEMA 4X (IP66) construction. Robust housing offers 500 psi static pressure rating on ranges down to 0.5 in w.c.

FEATURES/BENEFITS
• Gage capsule permits high-pressure usage with small differentials
• Versatile device for liquid or gas supports designs requiring more precise measurements in support of application
• Zero and range adjustments outside of gage means no disassembly in normal service
• NEMA 4X rated enclosure provides protection in harsh environments permitting outdoor monitoring or in areas where dust and particulate matter exists

APPLICATIONS
• Refrigeration equipment
• Energy and water management
• Liquid level in water storage tanks

CAPSUHELIC® WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

Ranges Down to 0.5 in w.c. with 500 psi Static Pressure Rating

OPTIONS
To order add suffix: Description | Price
-NIST | NIST traceable calibration certificate $139.00

SERIES 631B

USA: California Proposition 65

*WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov