

PRESSURE TRANSMITTERS

MODEL 3051TG SMART TRANSMITTER



FEATURES

ROSEMOUNT

The Model 3051TG Smart Pressure Transmitter sets the industry standard for providing pressure measurements in gage, absolute, and liquid level applications. The digital technology featured in this transmitter provides industry leading performance, reliability, and easy interface between the field and the control room. Improved dynamic response provides better tracking of varying process inputs. The housing features an explosion-proof, weatherproof construction with separate compartments for electronics and wiring connections.

Model 3051TG Gage Pressure Transmitter

Performance: .1% Accuracy

Pressure Range: 0 - 30" water, 0-150" water, 0-750" water, 0-100psi.

Calibrated to Special Range As Required.

Transmitter Output: 4 - 20ma DC

Diaphragm Material: 316 SST Stainless Steel with Silicone Fill.

Price Installed, Calibrated, and wired in a Master Level Panel

MASTER LEVEL CONTROLS CO.

19900 County Road 81, Maple Grove, MN 55311

PO Box 427, Rogers, MN 55374

Phone 800-MLC-8020 651-426-9085 Fax 651-426-9354 E-mail info@masterlevel.com

PRESSURE TRANSMITTERS

MODEL IGP10 WITH DISPLAY



FEATURES

FOXBORO

The IGP10 I/A Series Pressure Transmitter belongs to a family of d/p Cell, gauge transmitters that use field-proven silicon strain gauge sensors. Simple sensor packaging uses very few parts to achieve exceptionally high reliability. The transmitter provides the ability to re-range to new calibrated ranges, using the LCD built in indicator with on-board pushbuttons, without the need to apply calibration pressure. The housing features an explosion proof, weatherproof construction for direct mounting to the process connection.

Model IGP10 Gauge Pressure Transmitter

Performance: +/- .07% of Span

Pressure Range: 0 - 30psi, 0 - 300psi.

Calibrated to Special Range As Required.

Transmitter Output: 4 - 20ma

Diaphragm Material: 316L Stainless Steel with Silicone Fill.

Price Installed, Calibrated, and wired in a Master Level Panel

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PRESSURE TRANSMITTERS

MODEL 575 SUBMERSIBLE LEVEL TRANSDUCER



FEATURES

AMETEK

The Model 575 Submersible Level Transducer is specially designed to provide the convenience of direct submergence in most liquids for quick, accurate and reliable level measurement. The simple design and rugged construction of this solid state instrument provide long lasting service with virtually no maintenance. The Transmitter indicates level by continuously measuring pressure via its sensing element, an ion implanted silicon chip with a integral Wheatstone Bridge circuit.

Model 575 Submersible Pressure Transducer

Performance: .25% Full Scale Accuracy

Pressure Range: 0 - 15psi, 0 - 30psi, 0 - 100psi, 0 - 150psi, 0 - 200psi.

Calibrated to Special Range As Required.

Transmitter Output: 4 - 20ma DC

Diaphragm Material: 316 SST Stainless Steel with Silicone Fill.

Housing Material: 316 Stainless Steel

Cable: 20ga Polyurethane Shielded and available up to 5000 feet.

Price, Calibrated, with 100 feet of Shielded Cable. (Cable 3.25/ft)

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PRESSURE TRANSMITTERS

MODEL 425 LEVEL TRANSDUCER



FEATURES

425 Barksdale

The Model 425 Level Transducer converts a single positive pressure into a standard 4-20ma output signal using a highly precise piezo-resistive sensor. The Model 425 can be used to accurately measure air, gases or compatible liquids. Accuracy is +/- 0.25% of full scale. The Model 425 is designed for industrial environments and is housed in a compact, rugged, Nema 4X stainless steel general purpose housing.

Model 425 Pressure Transducer

Performance: 0.25% Full Scale Accuracy
Pressure Range: 0-15psi, 30, 50, 60, 100, 150, 200psi.
Transmitter Output: 4 - 20ma DC
Power Requirements: 13 to 30 VDC.
Diaphragm Material: 300 Stainless Steel
Housing Material: 300 Stainless Steel
Cable: Shielded and Supplied with 3' Cable.

Price, Installed in a Master Level Control Panel.

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PRESSURE TRANSMITTERS

SUBMERSIBLE LEVEL TRANSDUCER



FEATURES

MERCOID

The Model PBLT Submersible Level Transducer is specially designed for years of trouble free service in the harshest applications. The PBLT measures the height of liquid above it's position in a tank or sump. The transmitter consists of a bonded foil, strain gauge, sensing element, encased in a 316 stainless steel housing. The transmitter is perfect for wastewater and sewage lift stations applications. A large diaphragm seal is non-clogging and resistant to floating solids. The unit has built in lightning and surge protection and is rated for Intrinsically Safe applications.

Model PBLT Submersible Level Transducer

Performance: +/- 0.25% Full Scale Accuracy

Pressure Range: 0 - 5 psi (11.5 ft.), 0 - 10 psi (23 ft.)

Reference: Vented to Atmosphere

Transmitter Output: 4 - 20ma DC

Diaphragm Material: 316 Stainless Steel

Housing Material: 316 Stainless Steel

Cable: High tensile strength, shielded, vented, Tefzel cable.

Price, with 40 feet of Shielded Cable.

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ULTRASONIC TRANSMITTERS MODEL ABM300



FEATURES

ABM

The Model ABM300 Ultrasonic Level Sensor provides distance or level ranging from 1 to 9 feet, 1 to 16 feet, or 1 to 20 feet. The sensor can be used in any type of tank or sump, and provide non-contact process level of water or wastewater in the harshest environment. The Ultrasonic Sensor is filled and sealed with epoxy to survive rugged applications. The sensor uses a single push-button to set the zero and span. Calibration can be done in the vessel by varying the liquid level or on a bench by aiming the sensor at a target. Calibration feed back is via a "green-yellow-red" LED indicators. The sensor is powered with 24VDC, only 3 wires is required.

Ultrasonic Level Sensor

Performance: +/- .25% Full Scale Accuracy

Range: 1 - 9 ft, 1 - 16 ft, 1 -20 ft.

Beam Pattern: 10-12 degree cone

Power: 24VDC. 2 Watts

Output: 4 - 20ma DC

Material: PVC, ½" NPT Conduit (PVC only)

Mounting: 1" NPT, 1.5" NPT, 3" NPT

Cable: 10 feet.

Model ABM-300-9 ft range, 1" NPT

Model ABM-300-16 ft range, 1.5" NPT

Model ABM-300-20 ft range, 2" NPT

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