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FOR **TEKTROL** LEVEL MEASUREMENT

PipeValvesTM

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800.467.7122

Warning: Do not use this literature in place of reading, understanding, and following the manufacturer's spec sheets and operator's manual instructions which are available on their website.



Guided Wave Radar Level Transmitter

Description:

Featuring TDR (Time Domain Reflectometry) technology, the Tek-Flex 4100A Explosion Proof Guided Wave Radar Level Transmitter provides continuous level measurement in liquids, solids, and slurries.

Also available:

- Tex-Flex 4100B Series: Two-Wire Loop-Powered OEM TDR
- Tex-Flex 4100C Series: Programmable with Hart and Display

Benefits & features:

- Revolutionary TDR Technology
- Auto calibration to any dielectric
- Precise continuous level measurement
- Measures liquids, slurries, and solids
- Highly robust measurement due to the 4-wire design
- Signal analysis and constant disturbance signal suppression
- Optional NEMA 7 enclosure for Class 1 Div 1 areas
- Measures up to 65 feet
- Pre-calibrated from factory for easy installation
- High temperature applications
- Programmable fail safe mode
- Economically priced



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Ultrasonic Level Transmitter

Description:

Tek-Sound 4200A Explosion Proof Ultrasonic Level Transmitter is commonly used level measurement instruments demanded across industries for the continuous measurement of the levels and volumes of different media in open and closed tanks and for flow measurement in open channels.

Also available:

- Tek-Sound 4200B Series: Two-Wire Ultrasonic Level Transmitter

Benefits & features:

- Simple push button calibration
- Self-cleaning sensor face
- Built-In temperature compensation
- It has 3 and 4 wire operation
- 4 mA to 20 mA or 20 mA to 4 mA outputs available
- It provides RS232 and RS485 communication protocol
- Fast Response Time (2 or 3 echoes per second)
- It has good accuracy up to $\pm 0.10\%$ of max. range



Radar Level Transmitter

Description:

Tek-Wave 4300A Radar Level Transmitter is a device for continuous level measurement that uses radar technology to measure the levels of different types of media.

Benefits & features:

- Operates under extreme temperature & pressure conditions
- 2-Wire Operation
- Self-adjusting tracking radar
- Simple push-button calibration
- Output 4-20 mA/20-4 mA
- Communication with HART® 7



Differential Pressure Level Transmitter

Description:

A Tek-Hydro 4500A-D series differential pressure level transmitter is a commonly used instrument which measures the level of a liquid in a tank.

Also available:

- Tek-Hydro 4500A-G Series: Gauge Pressure Level Transmitter

Benefits & features:

- Operator can calibrate device using zero/span button, no handheld calibrator required
- Digital communication HART® protocol
- Fail-safe mode process function for detecting any abnormal condition occurring
- Superior performance provides High accuracy up to $\pm 0.075\%$
- Automatic ambient temperature compensation improves performance of device
- Various Output: 4-20 mA, digital signals
- The mounting bracket can be rotated up to 360° and LCD display up to 270°
- EEPROM write protection
- Self-diagnostic function
- Explosion proof approval and intrinsic safety approval



Submersible Level Transmitter

Description:

The Tek-Sub 4800A Plastic Submersible Level Transmitter has been designed for continuous submersion in aggressive fluids.

Also available:

- Tek-Sub 4800B Series: Stainless Steel Submersible Level Transmitter
- Tek-Sub 4800C Series: Borehole Submersible Level Transmitter
- Tek-Sub 4800D Series: Wastewater Submersible Level Transmitter












Benefits & features:

- Ceramic pressure sensor design with PTFE housing
- Temperature Compensated
- Fully Submersible
- Corrosion Resistant
- Long-term stability
- Measuring pressure ranges from 8 psig to 15 psig
- Accuracy $\pm 0.5\%$ F.S.



Valuable Services

Pipe Valves offers the quality products and the best services to improve your bottom-line performance.

-  Pipe Shop: We cut, bevel, groove, and thread
-  Energy audits, steam trap surveys, live steam lab demonstrations
-  Daily local truck routes, emergency delivery options
-  Phone, counter, email, fax and e-commerce ordering options
-  Express sales counter pickup and tool rental
-  Vendor Managed Inventory options customized to your needs
-  Product specialists and staff engineers assist with problem solving
-  Kitting Services - we can bag and tag to your specifications
-  Bin management, bar code scanning and labeling solutions available
-  PV University Classes, Where Seeing Is Believing: Actuation, Valves, Steam
-  24/7 emergency service available in many areas

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