

## FIXED LOCATION TRANSIT TIME FLOW METER



\* Optional aluminum track assembly shown.

Series TFXD Transit Time Flow Meters feature advanced non-invasive flow measurement technology— providing a measuring system with superior accuracy, versatility, low cost of installation and low cost of ownership. The TFXD system installs quickly onto liquid piping systems with its non-invasive, non-fouling transducers and can be configured and operational within minutes.

The TFXD is designed for fixed-location installation on liquid systems and is available in both blind (TFXD1) and display (TFXD2) models. The TFXD2 has a large LCD and an integral keypad that allows field configuration without the use of a computer. The TFXD also provides an optical interface which can be used with the *ULTRALINK™* software utility. The software utility allows simple in-field programming, calibration and software upgrades. All systems utilize digital signal processing, cross-correlation and field replaceable input/output modules.

The TFXD flow measurement system is a cost-effective, versatile investment that can be readily configured for piping ½" (12 mm) and higher.

### FEATURES

- Field-replaceable I/O module options include: 4-20 mA, dual relay, rate pulse, RS232C, RS485, 200K-event data logger, and Energy Flow (BTU).
- Low power consumption. Operates on less than 2.5W, allowing operation on UPS, solar panel and battery operated power sources.
- User configurable rate and totalizer units include: feet, gallons, ft<sup>3</sup>, million-gal, barrels, acre-feet, lbs, meters, liters, m<sup>3</sup>, million-liters and kg.
- Inherent flow profile compensation permits increased accuracy over alternate technologies.
- *ULTRALINK* software utility (free download) enables in-field flow configuration, calibration and troubleshooting, via laptop PC.

### BENEFITS

- Non-invasive, clamp-on transducers are simple and cost efficient. Since the transducers do not contact the liquid, fouling, pressure drop, leaks and maintenance are eliminated.
- Reduced installation time: no need to break into pipelines. Meter can be configured and operational in minutes.
- Reduced down-time: installation may be performed on full pipes. No need to shut the process down for installation or maintenance.
- Low ownership costs: no repair kits, replacement parts, or ongoing maintenance is necessary.

