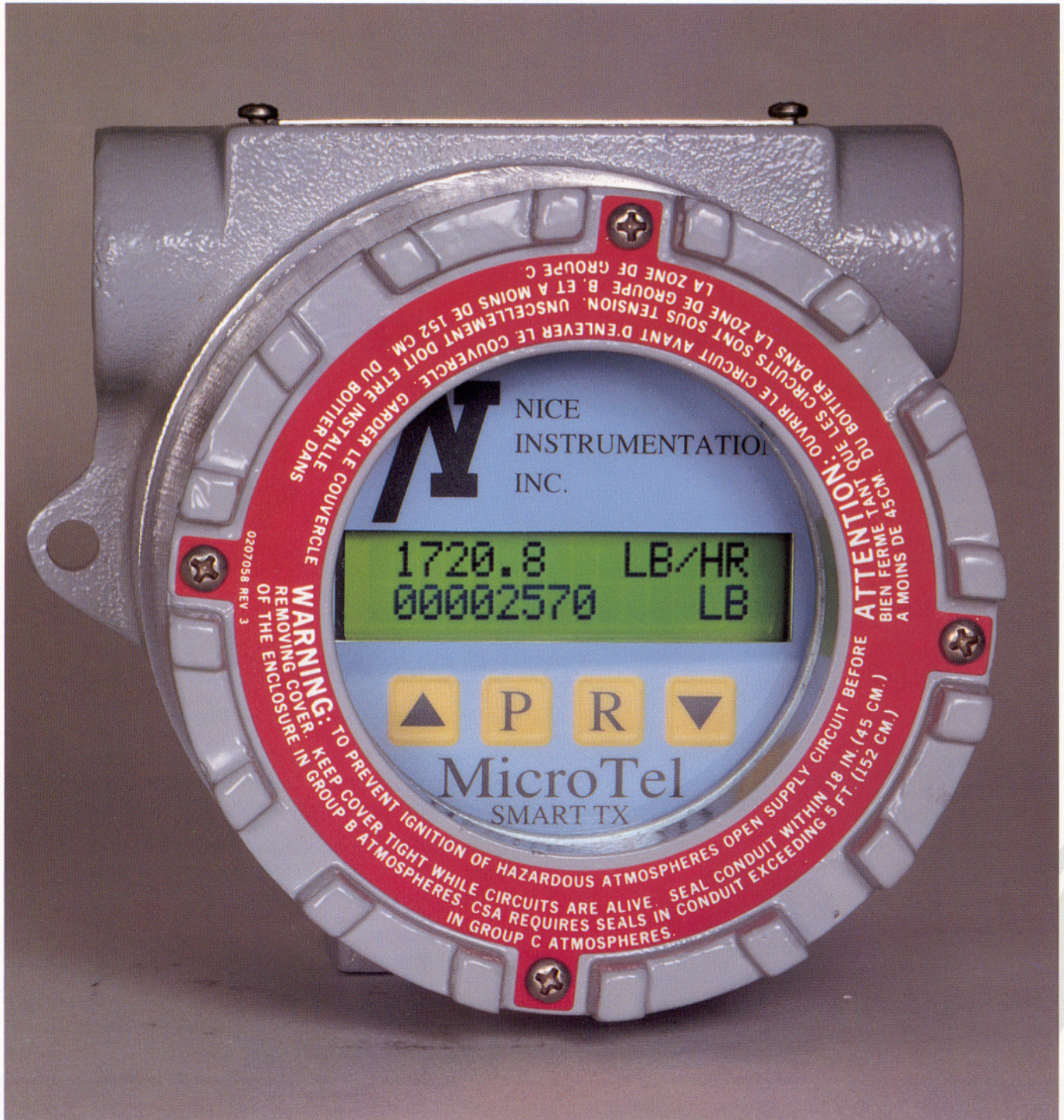
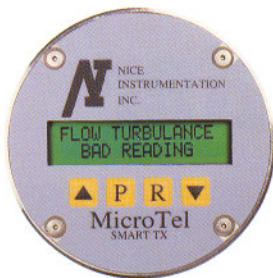


MicroTel Smart Transmitter



IMPROVED TECHNOLOGY DESIGN



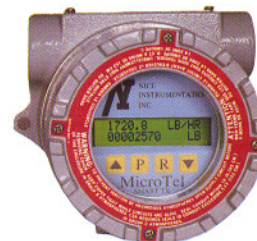
- The design of the microprocessor based smart transmitter, "MicroTel," incorporates high density surface mounted, multi-layer technology.
- The new design improves improper flow signals due to poor upstream piping.
- Many situations where restricted installations would cause a vortex meter to fail are now acceptable.

FEATURES

- 30,000 points of data logging with sampling times from one minute to 256 minutes, in real time.
- Low power, 4-20mA two-wire operation - operating voltage 10 to 30 volts.
- Simultaneously transmits 4-20mA and pulses in engineering units, as well as serial communications.
- The 4-20mA output has conversion accuracy of .025%.

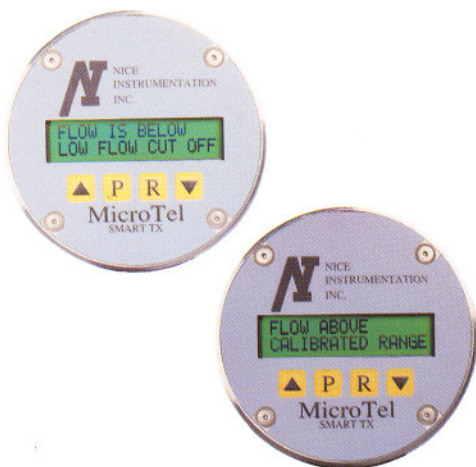
USER FRIENDLY OPERATOR INTERFACE

- 2 lines, 16 characters each line, alphanumeric, easy to read L.C.D. display.
- Continuously displays both rate and total including engineering units.
- Operators can change the parameters and recalibrate through the local keypad - there is no need to buy a hand-held communicator or any other test equipment.
- There are no pots or switches to adjust.



SIMPLE DIAGNOSTICS & SETUP

- Serial communication for computer interface.
- Alphanumeric error messages displayed for turbulent or erratic flow, flows above or below the calibrated range, and high flow or low flow cut off points.
- User or factory programmable parameters for sampling time, calibration, filtration, and units displayed through the serial communications port or keypad.
- Remote data acquisition for reading all internal parameters of the flow meter, as well as the 30,000 points of data logging.
- Built in non-volatile memory for setup and calibration data, data logging information, as well as other parameters. Ten + years retention of information.



The MicroTel is standard with all Nice Instrumentation vortex meters. For application questions regarding the use of the MicroTel with other flow meters, please contact the factory or your local representative.

NICE INSTRUMENTATION, INC.
1122 Campus Drive West
Morganville, NJ 07751
Tel: (732) 591-8899/Fax: (732) 591-8909