



# Caudalímetros de Insercion Electromagneticos / con paleta Rotativa

## IP100/200-SERIES

ADJUSTABLE DEPTH  
INSERTION PADDLEWHEEL  
INSTRUCTIONS



## EX80-SERIES Insertion Electromagnetic Flow Sensor



FT400-SERIES  
Rate/Total Indicator



| SPECIFICATIONS*         |                       | FT415                                                                                                                                       | FT420                                      |
|-------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Power                   |                       | Lithium "C", 3.6 Vdc, replaceable. Estimated life is 3-5 years depending on usage.                                                          | 12-30 Vdc, 4mA (4-20 mA when loop-powered) |
| Display                 | Rate                  | 6-digit autoreange, 1/2" character height                                                                                                   | 6-digit autoreange, 1/2" character height  |
|                         | Total                 | 8-digit, 5/16" character height                                                                                                             | 8-digit, 5/16" character height            |
| Outputs                 | Current Sinking Pulse | Scaled Pulse output (0.1 sec duration @ 1 Hz max) (or High Alarm output or Low Alarm output)<br>Sensor pass-through Pulse output (unscaled) |                                            |
|                         | Analog                | None                                                                                                                                        | 4-20 mA loop; 24-30 Vdc                    |
| Pulse Output Range      |                       | 0.1 - 9999999.9 units/pulse                                                                                                                 | 0.1 - 9999999.9 units/pulse                |
| Input                   |                       | Micropower GMR Sensor (square wave)                                                                                                         | 5V pulse or contact closure                |
| Input Range             |                       | 1.0 - 150 pulses/second                                                                                                                     | 1.0 - 1,500 pulses/second                  |
| K-Factor Range          |                       | .001 - 99999.999                                                                                                                            | .001 - 99999.999                           |
| Flow Alarm Output Range |                       | .01 - 999999.99                                                                                                                             | .01 - 999999.99                            |
| Operating Temperature   |                       | -30° to 65° C (-22° to 148° F)                                                                                                              | -30° to 65° C (-22° to 148° F)             |
| Environmental           |                       | NEMA 4X, IP66                                                                                                                               | NEMA 4X, IP66                              |
| Regulatory              |                       | None                                                                                                                                        | CE Mark                                    |

