

# 01 SERIES ELECTRONIC FLOW METER



## SPECIFICATIONS

|                                     |                               |                               |
|-------------------------------------|-------------------------------|-------------------------------|
| <b>Technology:</b>                  |                               | Turbine                       |
| <b>Line Size:</b>                   |                               | 1"                            |
| <b>Accuracy (% of Reading):</b>     |                               | ± 5% (Nylon)                  |
|                                     |                               | ± 2.5% (Aluminum)             |
| <b>Material Housing:</b>            | 01A31GM<br>01A31LM<br>01A12LM | Corrosion-resistant aluminum  |
|                                     | 01A31GMME                     | Nickel plated aluminum        |
|                                     | 01N31GM                       | Nylon                         |
|                                     | 01N31GM-U<br>01N31LM-U        | Nylon                         |
| <b>Fitting Type:</b>                |                               | 12 = 1 inch ISO (Female)      |
|                                     |                               | 31 = 1 inch NPT (Female)      |
| <b>Flow Range:</b>                  |                               | 3-30 GPM (10-100 L/min)       |
| <b>Pressure Rating:</b>             | Nylon                         | 150 psi (10.34 bar)           |
|                                     | Aluminum                      | 300 psi (20.7 bar)            |
| <b>Operating Temperature:</b>       |                               | 14°F to 130°F (-10°C to 55°C) |
| <b>Wetted Materials (Aluminum):</b> | Housing:                      | Aluminum                      |
|                                     | Bearings:                     | Ceramic                       |
|                                     | Shaft:                        | Tungsten Carbide              |
|                                     | Rotor:                        | Nylon                         |
|                                     | Rings:                        | 316 Stainless Steel           |
|                                     | Signal Generator:             | Ferrite                       |
| <b>Wetted Materials (Nylon):</b>    | Housing:                      | Nylon                         |
|                                     | Bearings:                     | Ceramic                       |
|                                     | Shaft:                        | Tungsten Carbide              |
|                                     | Rotor:                        | Nylon                         |
|                                     | Rings:                        | 316 Stainless Steel           |
|                                     | Signal Generator:             | Ferrite                       |

**GPI® 01 Series Flow Meters** are a great economical choice for monitoring, and indicating fluid usage.

- Available in Aluminum, Nickel plated aluminum or Nylon
- Choice of gallon or litre measurement
- Powered by two easily replaceable AAA batteries
- Batteries Included

## FEATURES / BENEFITS

- Complete flow meter, including turbine assembly, microprocessor and LCD readout
- Works well on any pump or gravity feed system with at least 3-30 GPM (10-113 L/min) flow range
- Aluminum model is lightweight, accurate, and reliable with a rugged aluminum housing and rubber bumper, protecting the flow meter from damage
- Nylon model is a simple, small and sturdy Electronic Digital Water flow meter, with rugged nylon housing
- Two Totals - Cumulative Total and Batch Total (resettable)

## APPLICATIONS (Typical application but not limited to)

- Water
- Fuel
- Light Chemicals

## APPROVALS<sup>†</sup> / WARRANTY



<sup>†</sup>FM approvals are only tied to 01A\*\*\*\* Flow Meters



GREAT PLAINS INDUSTRIES



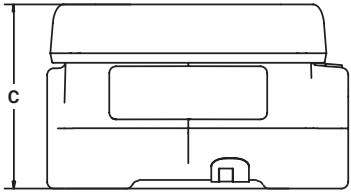
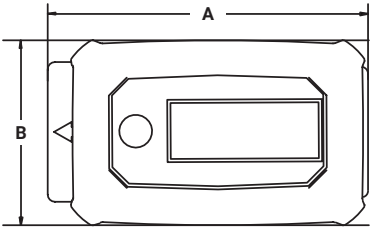
# O1 SERIES

## ELECTRONIC FLOW METER

### DIMENSIONS

| Meter Size | Dimension "A"        | Dimension "B"       | Dimension "C"       |
|------------|----------------------|---------------------|---------------------|
| O1A        | 4.0 in.<br>(10.2 cm) | 2.0 in.<br>(5.1 cm) | 2.5 in.<br>(6.4 cm) |
| O1N        | 4.0 in.<br>(10.2 cm) | 2.0 in.<br>(5.1 cm) | 2.5 in.<br>(6.4 cm) |

O1A



O1N

