



GM010 - 1" Oval Gear Pulse Meter



The GM010 Meter is a 1-inch meter available in Aluminum, Bronze and 316 Stainless Steel body materials. Optional 150 lb. ANSI Flanges and Tri-Clover® Fittings are available on the GM010.

Select Your Body Material:

- Aluminum
- Bronze
- Stainless Steel



Features and Benefits:

- ✓ Extremely accurate even with viscous fluids.
- ✓ Handles particles sizes to 0.011"/0.28 mm.
- ✓ Meter design minimizes the number of wear-able parts – extending product life.
- ✓ Comes with Read Switch as standard, Hall Effect Sensor optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

GM010 - SPECIFICATIONS

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| Fitting Type: | |
| Aluminum: | BSP or NPT (Female), 150 lb. ANSI Flange |
| Bronze: | BSP or NPT (Female) |
| Stainless Steel: | BSP or NPT (Female), 150 lb. ANSI Flange, or Tri-Clover® Fittings |
| Sensor Options: | Reed Switch / Hall Effect Sensor |
| Rotor Materials: | PPS or High Viscosity PPS, 316 Stainless Steel or High Viscosity Stainless Steel |
| O-Ring: | Viton (Standard), Teflon® (Optional) |
| Output Options: | Pulse Out or Local 4-20 mA Transmitter |
| Display Options: | Standard LC Display or Local 4-20 mA with Standard Display |
| Flow Range: | 1.6 - 32 GPM (6 - 120 LPM) |
| Flow Range @ < 5 cps: | 2.6 - 26.4 GPM (10 - 100 LPM) |
| Accuracy: | ± 0.5% of reading |
| Repeatability: | ± 0.03% |
| Maximum Viscosity: | Standard Rotors: 1,000 cps High Viscosity Rotors: 1,000,000 cps |
| Pressure Rating: | 800 PSI / 55 BAR or Flange Rule |
| Maximum Temperature: | |
| PPS Rotors: | 176°F / 80°C |
| SS Rotors: | 248°F / 120°C |
| Typical K-Factor: | |
| Single Pickup: | 136.3 PPG / 36 PPL |
| Double Pickup: | 272.6 PPG / 72 PPL |
| Wetted Mat'l. - Housing: | |
| Aluminum: | Aluminum |
| Bronze: | Bronze |
| Stainless Steel: | 316 Stainless Steel |
| Wetted Mat'l. - Bearings: | PPS / Carbon |
| Wetted Mat'l. - Shaft: | 316 Stainless Steel |
| Frequency Range: | 3.6 - 72.7 Hz @ 1.6 - 332 GPM |
| Strainer Size: | 60 mesh |
| Shipping Weight (approx.): | |
| Aluminum: | 4.9 lbs. (2.2 kg) - Pulse 6.6 lbs. (2.9 kg) - 150 lb. ANSI Flange |
| Bronze: | 12.7 lbs. (5.7 kg) - Pulse |
| Stainless Steel: | 12.5 lbs. (5.7 kg) - Pulse 14.6 lbs. (6.6 kg) - 150 lb. ANSI Flange 10.8 lbs. (4.9 kg) - Tri-Clover® Fittings |
| Remote Display: | Option Available: Model GG500-10 |
| Remote Transmitter: | Options Available: Model GA500 & GX500-10 |