The GM002 is one of the small capacity meters in the GM Series line and is differentiated by its flowrate capabilities. It has the ability to handle a wide range of fluid viscosities with exceptional levels of repeatability and durability.

### Accuracy: ± 1.0% of reading

#### Select Your Body Material:
- Aluminum
- PPS
- Stainless Steel
- High Pressure Stainless Steel
- Intermediate Pressure Stainless Steel

#### Features and Benefits:
- ✓ Up to 1,000 cps viscosity
- ✓ Compact size and extremely accurate even with viscous fluids.
- ✓ Meter design minimizes the number of wearable parts – extending product life.
- ✓ Handles particles sizes to 0.005”/0.127 mm.
- ✓ Comes with Reed Switch as standard, Hall Effect Sensor* optional.
- ✓ Durable and serviceable on-site.
- ✓ Certificate of Accuracy supplied with meter.

---

**GM002 - SPECIFICATIONS**

**Fitting Type:**
- BSP or NPT (Female)

**Sensor Options:**
- Reed Switch or Hall Effect Sensor*

**Rotor Material:**
- PPS or 316 Stainless Steel

**O-Ring:**
- Fluorocarbon (Std.), Perfluoroelastomer (Optional)

**Output Options:**
- Aluminum:
  - Pulse Out or Local 4-20 mA Transmitter
- PPS:
  - Pulse Out or Local 4-20 mA Transmitter
- Stainless Steel:
  - Pulse Out or Local 4-20 mA Transmitter
- High Pressure SS:
  - Pulse Out
- Intermed. Pressure SS:
  - Pulse Out or Local 4-20 mA Transmitter

**Display Options:**
- Local Display
- Local Display with 4-20 mA Output

**Flow Range:**
- 0.53 - 26.4 GPH (2 - 100 LPH)
- Flow Range @ < 5 cps: 1.32 - 26.4 GPH (5 - 100 LPH)

**Accuracy:**
- ± 1.0% of reading

**Repeatability:**
- ± 0.03%

**Maximum Viscosity:**
- 1,000 cps

**Pressure Rating:**
- Aluminum:
  - 75 PSI / 5 BAR
- PPS:
  - 75 PSI / 5 BAR
- Stainless Steel:
  - 150 PSI / 10 BAR
- High Pressure SS:
  - 8000 PSI / 544 BAR
- Intermed. Pressure SS:
  - 800 PSI / 55 BAR

**Maximum Temperature:**
- Aluminum:
  - 176°F / 80°C
- PPS:
  - 176°F / 80°C
- Stainless Steel:
  - 248°F / 120°C
- High Pressure SS:
  - 248°F / 120°C
- Intermed. Pressure SS:
  - 248°F / 120°C

**Typical K-Factor:**
- 3785.4 PPG / 1000 PPL

**Wetted Mat’l. - Housing:**
- Aluminum:
  - Aluminum with PPS Cap
- PPS:
  - PPS
- Stainless Steel:
  - 316 Stainless Steel
- High Pressure SS:
  - 316 Stainless Steel
- Intermed. Pressure SS:
  - 316 Stainless Steel

**Wetted Mat’l. - Bearings:**
- Aluminum:
  - Bronze
- PPS Rotor:
  - N/A
- Stainless Steel:
  - Ceramic
- High Pressure SS:
  - Ceramic
- Intermed. Pressure SS:
  - Ceramic

**Wetted Mat’l. - Shaft:**
- Aluminum:
  - 316 Stainless Steel
- PPS:
  - Hastalloy C / Stainless Steel
- Stainless Steel:
  - 316 Stainless Steel
- High Pressure SS:
  - 316 Stainless Steel
- Intermed. Pressure SS:
  - 316 Stainless Steel

**Frequency Range:**
- 0.6 - 27.8 Hz @ 0.53 - 26.4 GPH

**Recommended Strainer Size:**
- 200 mesh

**Shipping Weight (approx.):**
- Aluminum/PPS = 1 lb. (0.45 kg),
- High Pressure Stainless Steel = 8 lbs. (3.63 kg),
- SS/Intermediate Pressure SS = 2 lbs. (0.91 kg)

**Remote Display:**
- Option Available: Model GG500

**Remote Transmitter:**
- Options Available: Model GA500 & GX500

* Hall Effect Sensor requires dedicated power source.