



GM001 - 1/8" Oval Gear Pulse Meter



Shown here with Local Display

The GM001 is one of three compact meters in the Oval Gear Meter line. This meter is small and accurate. Choose from either Aluminum or 316 Stainless Steel body materials, both with stainless steel rotors. The GM001 can handle a wide range of fluid viscosities.

ACCURACY: ± 1.0% OF READING

Select Your Body Material:

- Aluminum
- Stainless Steel
- Intermediate Pressure Stainless Steel



Features and Benefits:

- ✓ Up to 1,000 cps viscosity
- ✓ Compact, durable and serviceable on-site. Extremely accurate even with viscous fluids.
- ✓ Meter design minimizes the number of wear-able parts – extending product life.
- ✓ Handles particles sizes to 0.005"/0.127 mm.
- ✓ Comes with Reed Switch as standard, Hall Effect Sensor* optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

GM001 - SPECIFICATIONS

| | |
|----------------------------|--|
| Fitting Type: | BSP or NPT (Female) |
| Sensor Options: | Reed Switch or Hall Effect Sensor* |
| Rotor Material: | 316 Stainless Steel |
| O-Ring: | Fluorocarbon (Std.), Perfluoroelastomer (Optional) |
| Output Options: | Pulse Out or Local 4-20 mA Transmitter |
| Display Options: | Local Display Local Display with 4-20 mA Output |
| Flow Range: | 0.13 - 13.2 GPH (0.5 - 50 LPH) |
| Flow Range @ < 5 cps: | 0.528 - 13.2 GPH (2 - 50 LPH) |
| Accuracy: | ± 1.0% of reading |
| Repeatability: | ± 0.03% |
| Maximum Viscosity: | 1,000 cps |
| Pressure Rating: | |
| Aluminum: | 75 PSI / 5 BAR |
| Stainless Steel: | 150 PSI / 10 BAR |
| Intermed. Pressure SS: | 800 PSI / 55 BAR |
| Maximum Temperature: | |
| Aluminum: | 176°F / 80°C |
| Stainless Steel: | 248°F / 120°C |
| Intermed. Pressure SS: | 248°F / 120°C |
| Typical K-Factor: | 5855.4 PPG / 1547 PPL |
| Wetted Mat'l. - Housing: | |
| Aluminum: | Aluminum with PPS Cap |
| Stainless Steel: | 316 Stainless Steel |
| Intermed. Pressure SS: | 316 Stainless Steel |
| Wetted Mat'l. - Bearings: | Sapphire |
| Wetted Mat'l. - Shaft: | 316 Stainless Steel |
| Frequency Range: | 0.2 - 21.5 Hz @ 0.13 - 13.2 GPH |
| Recommended Strainer Size: | 200 mesh |
| Shipping Weight (approx.): | |
| Aluminum: | 1.0 lbs. (0.45 kg) |
| Stainless Steel: | 2.0 lbs. (0.91 kg) |
| Intermed. Pressure SS: | 2.0 lbs. (0.91 kg) |
| Remote Display: | Option Available: Model GG500 |
| Remote Transmitter: | Options Available: Model GA500 & GX500 |

* Hall Effect Sensor requires dedicated power source.

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