



GM002 - 1/4" Oval Gear Pulse Meter



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:

- ✓ 0 - 1,000 cps viscosity.
- ✓ Compact size and 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 Read 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 / Hall Effect Sensor*
Rotor Material:	PPS or 316 Stainless Steel
O-Ring:	Viton (Std.), Perfluoro Elastomer (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:	Standard LC Display or Local 4-20 mA with Standard Display – (High Pressure SS: N/A)
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
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 GG500-1
Remote Transmitter:	Options Available: Model GA500 & GX500-1

* Hall Effect Sensor requires dedicated power source.

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