



OrionX™ Flow Meters

3" Electronic Flow Meter with No Moving Parts

OrionX™ Flow Meters work by utilizing sensors to relay pulse signals and converting them into GPM readings. OrionX™ meters are excellent for any number of fluid applications, including water and chemical fertilizer. The precision electromagnetic technology ensures accurate readings of your liquid flow, volume, or capacity levels—saving you chemical throughout the life of the system. Great for a variety of fluid applications on the farm, ranch, turf, and outdoor systems.



STANDARD FEATURES:

- No mechanical moving parts inside the pipe
- 12 VDC power source required
- Wetted parts are Nylon reinforced with fiberglass and AISI 316SS
- High precision (maximum error is 0.5%)
- Great for high flow rates up to 660 GPM at max 72 PSI
- 3" full port flanged connections (Banjo 3" flange)
- Performance independent from fluid density and viscosity
- Pulse output 0-12 volts with max 300mA consumption
- A-net (Can-bus) connection
- Low sensitivity to turbulence
- Integrates with existing rate controllers and Visio displays
- **Adapter cables sold separately (see previous page)**

| Part No. | Description | GPM | Port Size |
|----------------|--|----------|-----------|
| AG 46299B91 | * Mag Meter, Local Display, Meter ONLY | 16 - 660 | 3" Flange |
| AG 4621AA1-100 | Power Cable for 46299A91 Meters, 9' | | |
| AG 46222A5-100 | Power Cable for 46299B91 Meters, 10' | | |

Meters DO NOT INCLUDE Power Cable - Must Be Purchased Separately

* OrionX VisualFlow Features Easy-to-Read Localized Backlit Graphic Screen. Screen Measures Roughly 3" x 1.5".

Tri-Clamp Sanitary Flow Meters

The **FLOMEC® G2 Meter Series** from GPI is a compact, accurate, and repeatable meter for sanitary applications. This turbine meter is a solid choice for breweries, food/beverage processing, blending/batching, solvents, and other sanitary applications where Tri-Clamp connections are required. The G2 Meter is extremely repeatable which makes maintaining quality control easy. The Q9 electronic faceplate is extremely versatile and retrofits to older GPI meters series. FM Approved – Class 1, Div 1 Group A, B, C, & D for use in hazardous areas. Meets ISO 22241-2 and DEF/Adblue standards. Battery Operated: (2) AAA Alkaline Batteries (1.5V each) – batteries included. Construction: 316SS Body, PVDF Rotor, Fluorocarbon Seal. **Accuracy:** ± 2% for 1/2" meter down to ± 1% for 2" meter. Not Food Grade Certified. Note: Pressure rating is limited by the Tri-Clamps used in the plumbing – consult clamp specifications to determine pressure range for respective meter size.

- Standard Temp Meters Max Temp: 129°F
- High Temp Meter Options Available for up to 185°F
- Ideal for low-viscosity fluids (< 100cP)
- Output Options: Pulse, 4-20mA, or Pulse Output Module (Blind Meter with wiring)
- Operating Temperature: 0°F to 140°F
- Field Calibrate by User – K-Factor Entry, Correction Factor (% Adjust), or Dispense Display.
- 2 Totals (1 Resettable and 1 Cumulative)
- Factory Calibration in gallons or liters
- User Calibration and Rate of Flow Indication
- Totalizing Registers: Cumulative and Batch
- LCD Q9 Electronic Face can be used on G2, TM, A1 and QSE Series Meters



| Part No. | Description | Meter Size | Flow GPM |
|-----------------|---|------------|-------------|
| GI G2S05TQ9GMA | 316SS Turbine Meter, 3/4" Tri-Clamp Ends, Gallons | 1/2" | 1 – 10GPM |
| GI G2S07TQ9GMA | 316SS Turbine Meter, 1" Tri-Clamp Ends, Gallons | 3/4" | 2 – 20GPM |
| GI G2S10TQ9GMA | 316SS Turbine Meter, 1-1/2" Tri-Clamp Ends, Gallons | 1" | 5 – 50GPM |
| GI G2S10TH9GMX† | 316SS Turbine Meter, 1-1/2" Tri-Clamp Ends, Gallons | 1" | 5 – 50GPM |
| GI G2S15TQ9GMB | 316SS Turbine Meter, 2" Tri-Clamp Ends, Gallons | 1-1/2" | 10 – 100GPM |
| GI G2S20TQ9GMB | 316SS Turbine Meter, 2-1/2" Tri-Clamp Ends, Gallons | 2" | 20 – 200GPM |

* Flow Rates based upon water † High Temp Model Rated to 185°F

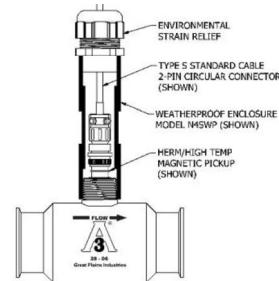
3-A Certified Sanitary Tri-Clamp Flow Meter

The **GSCPS FLOMEC® Series** is a 3-A Certified Sanitary Flow Meter line. The G Series High Precision Meter is the most accurate of all FLOMEC Turbine Meters. Common applications include, but not limited to, Fuels, Batching, Food & Beverage, Process Controls, Petro Chemicals, Pharmaceuticals, Irrigation, High Water Volume Mixing, High Precision/High Pressure, and Chemical Feed Lines. Construction: 316SS Body, CD4MCu Stainless Rotor, PEEK Bushing/Bearings. **Accuracy:** ± .5% and Repeatability of ± .1%. **Note:** Pressure rating is limited by the Tri-Clamps used in the plumbing – consult clamp specifications to determine pressure range for respective meter size.

- Meets Clean in Place (CIP), Steam in Place (SIP), Clean Out of Place (COP) Requirements
- 3-A Certified
- Operating Temperature: -100°F to 225°F (SIP up to 1 hour at 285°F)
- Ideal for low-viscosity fluids (<100cP)
- Available in GSCPS Standard (MPT Module Connection) with 2-wire magnetic pickup (3-wire & local display options also available)
- Polished Ra 32 Finish
- Output in either Sine Wave or Square Wave (100-1000Hz)
- Flow Meters for milk and milk products 3A Number 38-04
- Factory Calibration in gallons or liters



GSCPS Standard



Remote Mount Orientation Shown

Magnetic Pickups:
Wire Lead used for local display. Standard used for remote display.



| Part No. | Description | Meter Size | Flow GPM |
|--------------|---|------------|------------|
| GI GSCPS-100 | Meter, 316SS, 1-1/2" Tri-Clamp Ends, Standard | 1" | 6.7 – 67 |
| GI GSCPS-150 | Meter, 316SS, 2" Tri-Clamp Ends, Standard | 1-1/2" | 17.7 – 177 |
| GI GSCPS-200 | Meter, 316SS, 2-1/2" Tri-Clamp Ends, Standard | 2" | 33 – 333 |

GSCPS Cable Assemblies Available from Factory – Call for Details

| Part No. | Description |
|--------------|---------------------------------------|
| GI 81105 | Weatherproof Enclosure, SS |
| GI 813 | Magnetic Pickup, Wire Lead, 12" Cable |
| GI 811 | Magnetic Pickup, Standard |
| GI 1455-26 | G Series Local Display Adapter |
| GI RT142DOMM | Local Display |