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TECHNOLOGY GROUP

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Model G101, G102, G111, & G112



Model G112


Model G102

Unsurpassed ±0.5% F.S. accuracy … for the most precise flow applications

Integrated LCD display for flow rate display right on unit

NIST-Traceable Calibration Certificate included

Description

The McMillan Company GOLD Series Flo-Sensors and Flo-Meters represent quality and precision. No other flow devices on the market provides ±0.5% full scale accuracy/linearity combined with these features at an affordable price.

The G101 and G102 Flo-Sensors feature a pulse output combined with a 0-5 VDC analog output standard. Connections are made using the integrated 6-foot cable, terminated with pigtail leads. For applications where accuracy is critical, combine the G101/G102 with the Model 250 display and take advantage of the linearizing capabilities of the 250. The G101is made from plastic, and the G102 is constructed from brass.

The G111 and G112 Flo-Meters have an integrated 3½ digit display that provides a direct flow rate readout right on the unit. A 0-5VDC output is also provided for external interfacing. The Model G111 has a plastic body with acetal compression fittings, while the rugged G112 is made from brass and features brass compression fittings standard. Either a cable assembly or power adapter is required for operation (see below).

Wetted Parts

Wetted Parts: Ryton®, acetal, stainless steel, sapphire, glass, epoxy, Viton® O-rings standard.
EPDM O-rings available at an added cost - use suffix "Q".
The Model G102 and G112 also contains brass.

Ranges

G101	G102	G111	G112	Flow Range	Max. Pressure Drop	Standard Fittings
G101-3	G102-3	G111-3	G112-3	13-100 mL/minute	10 psi	1/8" tube
G101-4	G102-4	G111-4	G112-4	20-200 mL/minute	10 psi	1/4" tube
G101-5	G102-5	G111-5	G112-5	50-500 mL/minute	10 psi	1/4" tube
G101-6	G102-6	G111-6	G112-6	100-1000 mL/minute	6 psi	1/4" tube
G101-7	G102-7	G111-7	G112-7	0.2-2.0 L/minute	10 psi	1/4" tube
G101-8	G102-8	G111-8	G112-8	0.4-5.0 L/minute	10 psi	3/8" tube
G101-5G	G102-5G	G111-5G	G112-5G	1-10 GPH	12 psi	1/4" tube
G101-8G	G102-8G	G111-8G	G112-8G	10-100 GPH	12 psi	3/8" tube

Options and Accessories

100-17T Cable Assembly - 30 inch, 4-wire cable with pigtail leads for G111 & G112. Has red wire for 12 VDC power, black wire for common ground, white wire for 0-5VDC signal out, and green wire for signal ground.

S-PS-08 Power Adapter - 115 VAC (USA) power adapter for G111 & G112. Plugs into standard wall outlet, and has white wire for common ground and yellow wire for 0-5VDC signal out.

S-PS-18 Power Adapter - 230 VAC (Europe) power adapter for G111 & G112. Plugs into standard wall outlet, and has black wire for common ground and black/white wire for 0-5VDC signal out.

110-00-17 Base (for G111 only) - Allows G111 unit to stand on bench or tabletop. Includes screws for mounting.

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