



Micro-count Gear Flow Meters

Micro-count oval gear flow meters offer precise measurement with guaranteed accuracy and repeatability. Manufactured from 316 grade stainless steel with optional Aluminium models for non aggressive liquids, these positive displacement low flow meters can measure liquids of varying viscosity and density with little or no effect on accuracy across a linear range.

A feature of the oval gear principle is it's extremley low pressure loss and capacity to cope with pulsating flows. A high resolution calibrated pulse output requiring DC power can be supplied or a remote LCD rate counter with optional pulse and 4-20mA re-transmission is available to compliment the Micro-count range.



Features:

- ▶ Compact and light-weight, suitable for oem use
- ▶ No flow conditioning / straight pipe required
- ▶ High Accuracy and repeatability
- ▶ Low Pressure drop accross meter
- ▶ Measures low and high viscosity Media
- ▶ Stainless Steel or Aluminium models
- ▶ Custom models available for higher pressure



MC3-SS



MC25-SS

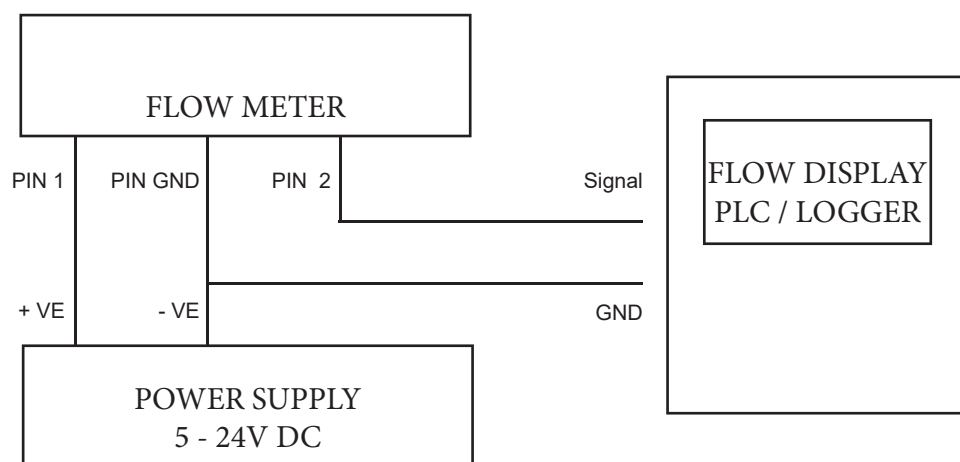
Model	MC3-SS	MC5-SS	MC6-SS	MC9-SS	MC12-SS	MC25-SS
Range	1-300 mL/min	5-1750 mL/min	0.5-100 L/hour	5-550 L/hour	1-30 l/min	5-110 l/min
Connections	1/8" BSP Female	1/8" BSP Female	1/4" BSP Female	1/4" BSP Female	1/2" BSP Female	1" BSP Female
Medium	Suitable for various clean liquids & chemicals – Max 500 Centipoise					
Accuracy	+/- 0.5% of measured value					
Temp	Media temperature -30 to +80 Degrees C					
Pressure	32 Bar Max (customised models available for higher pressure)					
Output	Open Collector – Square Wave Pulse output					
Supply	4 – 26V DC					
Materials	Body, Gears and Shafts 316 Stainless Steel, Viton Seal					

Application examples: Solvents, Inks, Inhibitors, catalysts, fuels, insecticides, emulsifiers etc. contact us for application suitability

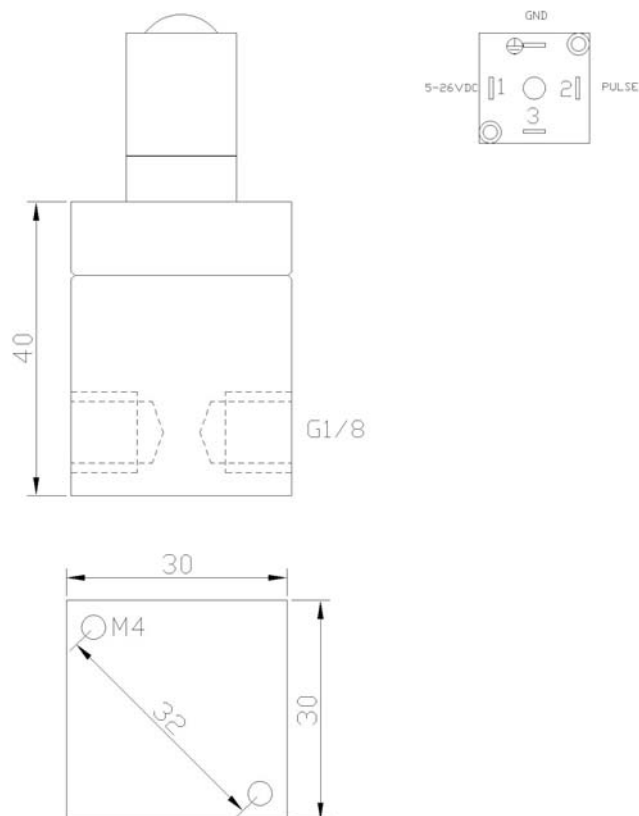


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Wiring Diagram



MC3 Outline Dimension



BELL
Flow Systems

Selection of LCD Rate / Totalisers
and Batch controllers available

