



02 SERIES ELECTRONIC FLOWMETER WITH SCALED PULSE OUTPUT

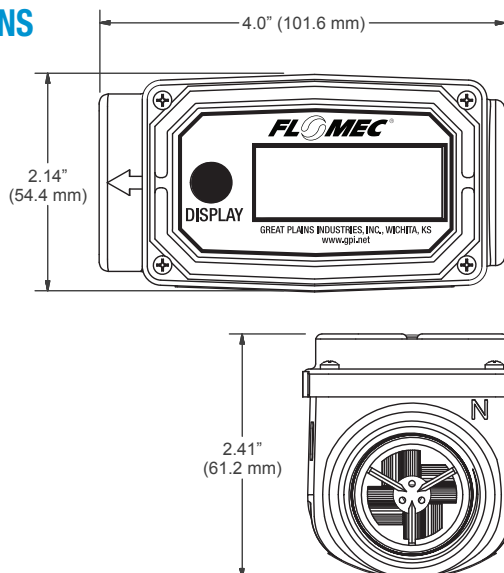
The **FLAMEC® 02 Series** is a lightweight, accurate and reliable turbine meter. Choose the 02 Series for thin viscosity fluid applications.

- Available in Aluminum or Nylon
- Virtually maintenance free
- Display powered by two AAA batteries
- Offers one pulse per unit (gallons and litres)

FEATURES / BENEFITS

- Complete meter, including turbine assembly, microprocessor and LCD readout.
- Two Totals: Batch (Resettable to measure flow during a single use) and Cumulative (Non-resettable, to provide continuous measurement).
- Remote monitor option to connect to an external system (NPN Open Collector Pulse)
- Lightweight, compact design allows for easy installation.
- Display powered by two AAA alkaline batteries that are easy to replace, with the meter installed.

DIMENSIONS



PRODUCT CONFIGURATION

PRODUCT IDENTIFIER 1

02 = Electronic Digital Flowmeter

HOUSING CHOICE 2

A = Aluminum

N = Nylon

FITTING TYPE 3

12 = 1" BSPT (Female)

31 = 1" NPT (Female)

52 = 1" BSPP (Female)

X = No Turbine

CALIBRATION 4

GM = Gallons / Minute

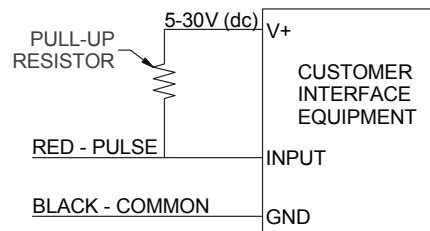
LM = Litres / Minute

XX = No Computer

1 2 3 4
--->>>> 02 N 31 GM

INTERNAL PULL-UP RESISTOR

Some interface devices may not have an internal pull-up resistor. Use a minimum 820 ohms resistor if necessary.



APPLICATIONS

- Irrigation
- Building Automation (Chillers)
- Programmable Logic Controller (Batch Control)
- OEM (connect to flow switch - low cost meter)
- Connect to flow switch
- Diesel & Fuel Oil
- Data Logger
- Wireless Communication
- Numerous water applications
- Batch Controller

SPECIFICATIONS

Fitting Size / Fitting Type:	1" BSPT (Female)	
	1" NPT (Female)	
	1" BSPP (Female)	
Flowrate:	3 - 30 GPM	11 - 113 L/min
Accuracy (% of Reading):	± 5.0%	
Pressure Rating:	150 psi (10.3 bar)	
Operating Temperature Range:	+14° F to +130° F (-10° C to +55° C)	
Pulse Out Description:	Open Collector (a.k.a. NPN or Current Sinking)	
Pulse Duration:	250 ms	
Pulse Amplitude:	5 to 30 V (dc)	
Scaling:	One pulse per Gallon or Litre	
Cable Length:	5 ft. (1.5 m)	

Wetted Materials (Aluminum):	Housing:	Aluminum
	Bearings:	Ceramic
	Shaft:	Tungsten Carbide
	Rotor:	Nylon
	Rings:	316 Stainless Steel
	Signal Generator	Ferrite
Wetted Materials (Nylon):	Housing:	Nylon
	Bearings:	Ceramicw
	Shaft:	Tungsten Carbide
	Rotor:	Nylon
	Rings:	316 Stainless Steel
	Signal Generator	Ferrite

APPROVALS

