

M1 – 1/4” PULSE FLOW METERS

SUITABLE FOR FLOW RANGE 0.13-26 GPH



F006-1S1
Aluminium body with flying lead



CR006-1SA
PPS body with DIN variation

Macnaught 1/4” Pulse Flow Meters are a small capacity meter in the M-SERIES range. Differentiated by its flow rate capabilities. Suitable for flows between 0.13-26 GPH. The 1/4” Pulse Flow Meters have an accuracy of +/- 0.5% and provides exceptional levels of reliability and durability.

SPECIFICATIONS

	F006		S006		M006		CR006	
Materials of Construction Meter Body	Aluminium		Aluminium		Stainless Steel		PPS	
	Rotor		Stainless Steel		Stainless Steel		PPS	
	Seals		Perfluoroelastomer (FFKM)		Perfluoroelastomer (FFKM)		Perfluoroelastomer (FFKM)	
Design Specifications Process Connections	1/4" G		1/4" G		1/4" G		1/4" BSP (Rc)	
	1/4" NPT		1/4" NPT		1/4" NPT		1/4" NPT	
Technical Specifications Flow rate	<5cP	>5cP	<5cP	>5cP	<5cP	>5cP	<5cP	>5cP
	2-100L/hr 0.5-26USG/hr	0.5-100L/hr 0.13-26USG/hr	2-100L/hr 0.5-26USG/hr	0.5-100L/hr 0.13-26USG/hr	2-100L/hr 0.5-26USG/hr	0.5-100L/hr 0.13-26USG/hr	2-100L/hr 0.5-26USG/hr	0.5-100L/hr 0.13-26USG/hr
Non-lubricating fluids	6-100L/hr 1.58-26USG/hr		6-100L/hr 1.58-26USG/hr		6-100L/hr 1.58-26USG/hr		6-100L/hr 1.58-26USG/hr	
Operating Temperature Range*	-40 - 80°C -40 - 176°F		-40 - 120°C -40 - 248°F		-40 - 120°C -40 - 248°F		-40 - 80°C -40 - 176°F	
Max. Operating Pressure	800 psi 55 bar		800 psi 55 bar		800 psi 55 bar		75 psi 5 bar	
Accuracy	+/- 0.5%		+/- 0.5%		+/- 0.5%		+/- 0.5%	
Repeatability	+/- 0.03%		+/- 0.03%		+/- 0.03%		+/- 0.03%	
Nominal K-Factor	3,785.41 Pulses/Gallon		3,785.41 Pulses/Gallon		3,785.41 Pulses/Gallon		3,785.41 Pulses/Gallon	

*Temperature based on standard pulse output - subject to change dependant on rotor and output type, contact Macnaught technical support for further investigations
CR's are an M-SERIES meter. They are not modular in design and do not feature digital direct mount options. Across the M-series, differentiation is expressed through the material compatibility table etc as the key variable is wetted components. The CR is not it's own category rather a combination that suits particular conditions as is all the meters in the M-SERIES category it is classified with. This was the logic for the entire range.

OUTPUT TYPES

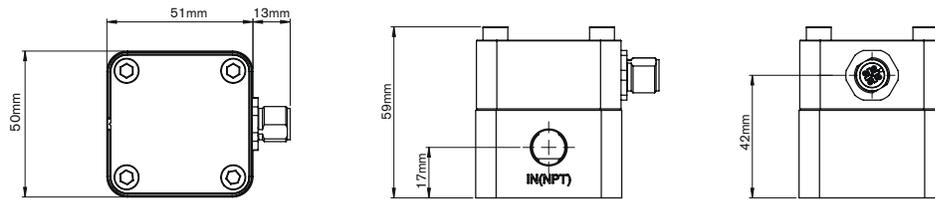
PREFIX	OUTPUT	SWITCH TYPE	F006	S006	M006	CR006
1	Pulse output	Reed/Hall Flying Lead	●	●	●	●
2	Pulse output	Reed Flying Lead	●	●	●	●
A	Pulse output	Reed/Hall DIN Connection	●	●	●	●
B	Pulse output	Reed/Reed DIN Connection	●	●	●	●

● Available ✖ Not Available

DIMENSIONS

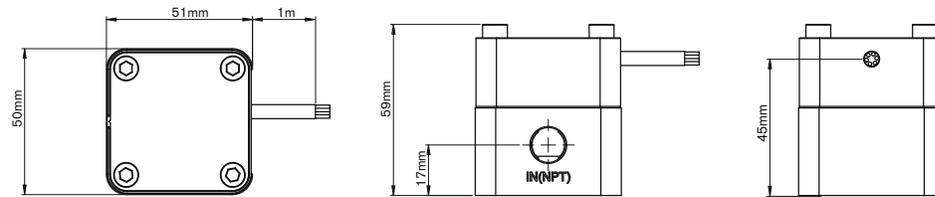
M006/F006/S006

DIN variation



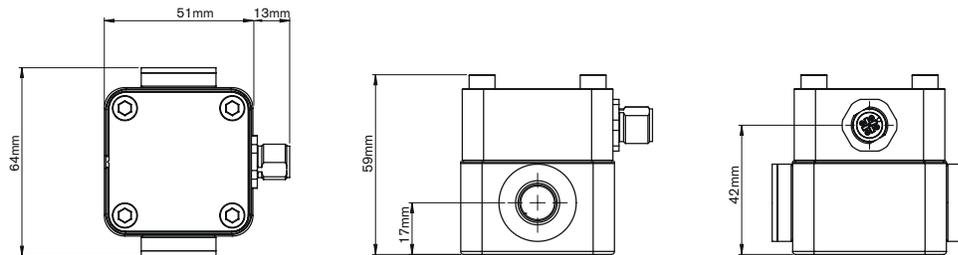
M006/F006/S006

Flying Lead



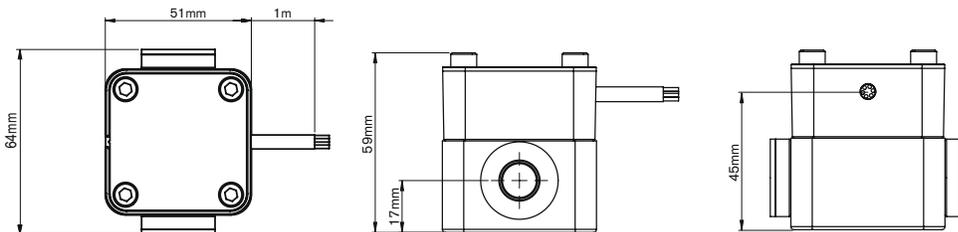
CR006

DIN variation



CR006

Flying Lead



M-SERIES FLOW METERS