

M4 - 1/2" PULSE METERS

The M4 is the new addition and is a low to medium flow range model replacing the current M5 series. It has the ability to handle a wide range of fluid viscosities with exceptional levels of repeatability and durability. Along with compact size.



Product Benefits

- Compact size.
- Two independent pulse units which can be linked to allow doubling of the pulse output (or in-built spare if used as single).
- Will handle particle sizes to 0.28mm/0.011".
- Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required).
- Low pressure drop allows for economical pump selection or gravity flow applications.
- Meter construction enables fast and easy on-site servicing without removal from application.
- Meter design minimises the number of wearable and replaceable parts and extends product life.
- Meter accuracy is verified by factory calibration check after which an individual metrology report is issued.
- Has IP66/NEMA6 protection.

MODEL	M4ARP-X	M4SRP-X	M4XRG-X	M4XRE-X
METER BODY MATERIAL	ALUMINIUM	316 STAINLESS STEEL	AS PER COLUMN 1 OR 2	
WETTED COMPONENTS: ROTOR MATERIAL SHAFTS O-RING	PPS 316 STAINLESS STEEL NBR (NITRILE)	PPS 316 STAINLESS STEEL NBR (NITRILE)	AS PER COLUMN 1 OR 2	
FLOW RATE RANGES (litres per minute/US gallons per minute) ABOVE 5 CPS BELOW 5 CPS	1 to 30 / 0.26 to 8 3 to 25 / 0.8 to 6.6	1 to 30 / 0.26 to 8 3 to 25 / 0.8 to 6.6	AS PER COLUMN 1 OR 2	
ACCURACY- WITHIN (OF READING)	+/- 0.5%	+/- 0.5%	AS PER COLUMN 1 OR 2	
REPEATABILITY	0.03%	0.03%	AS PER COLUMN 1 OR 2	
MAXIMUM VISCOSITY (OF STANDARD MODEL)	1000 Centipoise	1000 Centipoise	AS PER COLUMN 1 OR 2	
MAXIMUM OPERATING PRESSURE	5500 kpa / 55 Bar / 800 PSI	5500 kpa / 55 Bar / 800 PSI	AS PER COLUMN 1 OR 2	
PULSER TYPE	HALL EFFECT OR REED SWITCH OR COMBINATION HE / RS	HALL EFFECT OR REED SWITCH OR COMBINATION HE / RS	STANDARD LC DISPLAY 1 REED SWITCH OR HALL EFFECT SENSOR	DELUXE LC DISPLAY 1 REED SWITCH OR HALL EFFECT SENSOR
PULSES PER LITRE/US GALLON	112 or 224 / 424 or 848	112 or 224 / 424 or 848	112 / 424	112 / 424
MODEL DIMENSIONS METER BODY	96mm dia x 105mm h 3.78" dia x 4.13" h	96mm dia x 105mm h 3.78" dia x 4.13" h	125mm dia x 105mm h 4.92" dia x 4.13" h	137mm dia x 123mm h 5.39" dia x 4.84" h
PORT FACE TO FACE	100mm / 3.93"	100mm / 3.93"	100mm / 3.93"	100mm / 3.93"
WEIGHT	1 kg / 2.2lbs	2.5kg / 5.51lbs	1 kg / 2.2lbs	2.5kg / 5.51lbs
MAX. OPERATING TEMPERATURE	80°C / 176°F	80°C / 176°F	AS PER COLUMN 1 OR 2	
RECOMMENDED MESH STRAINER SIZE	60 MESH	60 MESH	AS PER COLUMN 1 OR 2	

Port Size To order flowmeter you must replace 'X' with the relevant number. This number will determine the following specifications:

Port Size:

- 1 = 1/2" BSP (F) ports
- 2 = 1/2" NPT (F) ports

Electrical Conduit Connection:

- 16mm (F)
- 1/2" NPT (F)

Calibrated In:

- Litres
- US Gallons

PPS = Polyphenylene Sulfide Resins



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TYPE M4 - 1/2" PULSE & LC DISPLAY METERS

Weights

MODEL	M4ARP-X	M4SRP-X	M4XRG-X	M4XRE-X
WEIGHT	1kg / 2.2lbs	2.5kg / 5.51lb	1.2kg / 2.64lbs	2.7kg / 5.95lbs

Options & Accessories

M4 - 1/2" METER	VITON O-RING	TEFLON O-RING	EPDM O-RING	HIGH TEMP ROTORS	HIGH VISCOSITY ROTORS	HALL EFFECT SENSOR	REED SWITCH	SOLVENT KIT	HASTALLOY C SHAFTS	PROTECTIVE BOOT	EXTENDED LIFE BATTERY	REMOTE MOUNTED LC DISPLAY	HEATING JACKET	4-20mA MODULE
M4ARP-X	O	O	O	O	O	O	S	X	X	X	X	A	X	A
M4SRP-X	O	O	O	O	O	O	S	X	X	X	X	A	X	A

S = Standard

O = Optional

X = Not Available

A = Accessory

Dimensions

