

MNL[®] SERIES METERS

NSF 372

Distributed By



Meter, Valve & Control
877-566-3837



The MNL[®] series meters are No-Lead Eco Brass, WQA/NSF 372 listed and meet or exceed AWWA specifications. The MNL[®] Multi-Jet meter has a long meter life and good tolerance to contaminants. This series has a well-deserved reputation of excellence for commercial and residential applications. The dry sealed registers are easy to read and will retain their clear view display. The MNL[®] series meter is available in sizes from 5/8" X 1/2" to 2" with maximum flow rates up to 160 GPM and pressures up to 150 psi.



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METER SELECTION CHART

METER / PIPE SIZE	MODEL	*CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH (X2)
5/8" X 1/2"	625MNL	8 GPM	1/4 - 20 GPM	3.3 lbs.	6 1/2"	4 1/4"	3 5/8"	2"
5/8" X 3/4"	6251MNL	10 GPM	1/4 - 20 GPM	3.3 lbs.	7 1/2"	4 1/4"	3 5/8"	2"
1"	1000MNL	25 GPM	3/4 - 50 GPM	5.7 lbs.	10 1/4"	4 5/8"	3 7/8"	2 1/4"
1 1/2"	150MNL	50 GPM	2 - 100 GPM	10.6 lbs.	11 7/8"	5 1/2"	4 7/8"	2 3/8"
2"	200MNL	80 GPM	2 - 160 GPM	13 lbs.	11 7/8"	5 1/2"	4 7/8"	2 3/4"

***Continuous Flow:** The size of meter selected should be based upon continuous flow, GPM, as opposed to pipe size. For example, if it is determined that continuous flow is 25 GPM, a 1" meter should be selected rather than a 3/4" meter.

ORDERING INFORMATION: Select the meter model number from the Meter Selection Chart above. Add a **G** for Gallon reading or a **C** for Cubic Feet reading (*call factory for other register reading abbreviations*).

Example: 1 1/2" Meter, Flanged type with Cubic Feet register = 150MNL C.

X = AVAILABLE CONTACT SETTINGS

(All contact settings are pre-set at the factory to your specification)

GPC = Gallons Per Contact • LPC = Liters Per Contact • CFPC = Cubic Feet Per Contact

METER / PIPE SIZE	MODEL	0.1 GPC	1 GPC	10 GPC	100 GPC	.01 CFPC	0.1 CFPC	1 CFPC	10 CFPC	1 LPC	10 LPC	100 LPC	1000 LPC
5/8" X 1/2"	625MNL	X	X	X	X	X	X	X	X	X	X	X	X
5/8" X 3/4"	6251MNL	X	X	X	X	X	X	X	X	X	X	X	X
1"	1000MNL	N/A	X	X	X	N/A	X	X	X	N/A	X	X	X
1 1/2"	150MNL	N/A	X	X	X	N/A	X	X	X	N/A	X	X	X
2"	200MNL	N/A	X	X	X	N/A	X	X	X	N/A	X	X	X

MNL® METER SPECIFICATIONS

Reed Switch:	Dry contact type, normally open, 24V, 100mA maximum
Pressure Rating:	Maximum 150 psi.
Temperature Range:	35° - 122°F. Protect the meter from freezing.
PH Level Range:	6.5 – 8.0
Accuracy:	+/- 1.5% of maximum flow when operating between minimum and maximum flow range.
Register Options:	U.S. Gallons, Cubic Feet, and Metric.

Installation Instructions:

1. Flush the line thoroughly after all plumbing changes to prevent contaminants from entering the meter.
2. Install horizontally with the register facing up and inlet port facing the water supply line.
3. For outdoor installation, protect meter from direct exposure to the elements.
4. Protect meter from backflow of water opposite of indicated flow direction.

Helpful Hints:

1. Install a Carlon Slow-Closing Valve downstream of your water meter. This will eliminate possible meter damage from water hammer in your system.
2. Install a Carlon Strainer upstream of your water meter to protect the meter and any other in-line process equipment from becoming jammed by particulate matter in your system.

Warranty: Carlon Meter, Inc. warrants its products to be free of defect in material or workmanship for a period of twelve months from the date of purchase. Contact us to obtain a copy of our complete statement of warranty.