



Dura Mag™ 12" Battery, AIN/GPM, with Grounding Rings

Series:

DM12-B-AIN-GPM  **Hazardous**

USD Price:

Contact McCrometer

Ships within 2 weeks

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

Battery Powered Magnetic Flowmeter for Today's Irrigators and Water Managers

This 12" Dura Mag flanged mag meter includes a field-replaceable battery with a 5 year battery life, 3 year battery warranty, and an internal data logger to track water usage more accurately. The meter arrives pre-calibrated with the internal data logger set to track water usage every 12 hours in Acre Inches (AIN) total units of measurement, with a rate unit of Gallons per Minute (GPM) and includes two stainless steel grounding rings and grounding wire assembly. Installations where grounding rings are recommended typically require two grounding rings per meter..

Specifications

4-20mA Output Cable:

No Outputs

Accessories:

Grounding Ring Only

Accuracy:

+/- 1% or $\pm 0.075\%$ of standard full scale

Cable Connection:

Option for quick connect cables for easy installation

Data Storage:

Data Logger (standard with all models), minimum of five years of data stored

Display:

2-Line LCD display (no backlight), 16 characters per line

Non-volatile memory

Anti-reverse totalizer (standard)

Total (to 9 digits of precision)

Flow Rate and Velocity (to 5 digits of precision)

Two alarms: low battery and empty pipe Note: To preserve battery life a button on the front of the converter activates the display

Installation Requirement:

2D Upstream / 1D Downstream (Pipe Run Requirements)

Line size:

12"

Options:

Two alarms: low battery and empty pipe

Data logger cable (sold separately)

DC power w/battery backup

Pulse & 4 20mA output

Annual verification / calibration

Output:

Pulse Output: Digital pulse (open collector) output for volumetric and/or alarm

	Analog Output: 4-20mA (not galvanically separated from the power supply). DC powered option only.
Power:	Battery: Standard: two 3.6V lithium-thionyl chloride (Li-SOCI2) D size batteries. Batteries are field replaceable
	DC Power: Linear power supply 10-35VDC, 2.4W
	Battery Guarantee: Guaranteed 3-year battery life
Power/Output Options:	Battery, No Outputs
Pressure Range:	150 psi
Service and Support:	<ul style="list-style-type: none"> • The Dura Mag has an estimated life of 10 years, and requires no regular maintenance other than replacing the battery pack. • Batteries are covered under warranty for 3 years, and are expected to last 5 years. • When you need replacement batteries, place an order for a replacement battery pack (\$55) . • The batteries come with an information sheet (also available online at mccrometer.com) that walks you through step by step to remove and reinstall the batteries. There is also a video on youtube for your convenience. The process should take no more than 10 minutes.
Temperature:	Operating: -4° to 140°F (-20° to 60°C)
	Storage: -40° to 149°F (-40° to 65°C)
Unit/Rate:	AIN, GPM
Warranty:	5 Year

What's in the box?

30122-53 Dura Mag IOM Manual 30122-59 Dura Mag Spec Sheet 30122-61 Dura Mag Quick Start Installation Guide 30123-55 Dura Mag Brochure