



## Dura Mag™ 12" DC Power 4-20mA Output, AIN/CFS, 50ft. Cable w/ Grounding Rings

Series: DM12-D-AIN-CFS- 50 Hazardous

USD Price:  
Ships within 2 weeks

Contact McCrometer

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.

### DC Powered Magnetic Flowmeter with Field-Replaceable Backup Battery for Today's Irrigators and Water Managers

This 12" Dura Mag flanged mag meter is equipped with DC Power (10-32v) / 4-20mA Output and includes a backup field-replaceable battery with a 5 year battery life and an internal data logger to track water usage more accurately. It comes with 50ft. of cable (open Leads - hardwired only). 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 Cubic Feet p/ Second (CFS) 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 Rings & 50' Cable
Accuracy:	+/- 1% or ± 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:	DC Power, 4-20mA
Pressure Range:	150 psi
Service and Support:	<ul style="list-style-type: none"> <li>• The Dura Mag has an estimated life of 10 years, and requires no regular maintenance other than replacing the battery pack.</li> <li>• Batteries are covered under warranty for 3 years, and are expected to last 5 years.</li> <li>• When you need replacement batteries, place an order for a replacement battery pack (\$55) .</li> <li>• The batteries come with an information sheet (also available online at <a href="http://mccrometer.com">mccrometer.com</a>) 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.</li> </ul>
Temperature:	Operating: -4° to 140°F (-20° to 60°C)  Storage: -40° to 149°F (-40° to 65°C)
Unit/Rate:	AIN, CFS
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