

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

Series: DM04-D-AFT-GPM- **Hazardous**  
G50

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 accomodate these items.**

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

This 4" 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 Feet (AFT) 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 Rings & 50' Cable
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:	04"
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:	AFT, 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