

Mag Meter

Model: ADS-MAG-8000

Ultrasonic, Open Channel Flow Meter

Features:

- Simple menu driven programming
- Large, backlit, LCD graphics display
- Integral 6-position keypad
- 4-20mA and relay outputs
- Built-in weir and flume tables
- Full diagnostics
- Submersible sensor with temperature compensation



Perfect for “difficult to monitor” applications, such as wastewater



Large Flow Rate Display



Detail Display



Echo Diagnostics Display

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SPECIFICATIONS

Measurement Method	Ultrasonic non-contacting
Accuracy	0.2% of F.S.
Resolution	0.04 in (1 mm)
Data Logging Period	672 days (max @ 1 hr interval)
Output	Analog: 2 x 4-20ma, max 750 ohm Relay: 3, Form C, 8A at 250 Vac Temperature Sensor Temperature Digital: RS232, RS485, Modbus
Display	Backlit LCD Graphics Display
NEMA Rating	NEMA 4X
Temperature	-4°F to 140°F (-20°C to 60°C)

SENSOR

Range	12 ft (4m)
Beam Angle	8° at -3dB
Process Connection	1" NPT
Weight	2.2 lbs (1.0kg)
Material	PVDF
Temperature	-22°F to 158°F (-30°C to 70°C) 80% RH Temperature compensated by built in sensor
Nema Rating	NEMA 6P
Cable	2 Core Shield (AWG18) up to 1,476 ft

EXTERNAL TEMPERATURE SENSOR

Type	NTC, 10KQ
Temperature	-22°F to 158°F (-30°C to 70°C)
Process Connection	1/8" PT
NEMA Rating	NEMA 6P
Cable	RG174