

# CS8100

## ULTRA COMPACT ELECTROMAGNETIC FLOW METER

New low-cost, compact version of our ISOMAG electromagnetic flow meters. Designed to be easily incorporated into equipment or machinery.

- High measurement stability and repeatability
- Measures are not affected by changes in Viscosity / Temperature / Pressure
- Low installation costs
- Built-in display
- Pulse or 4-20mA Outputs
- Bi-directional flow measurement
- Every sensor is factory wet calibrated and tested

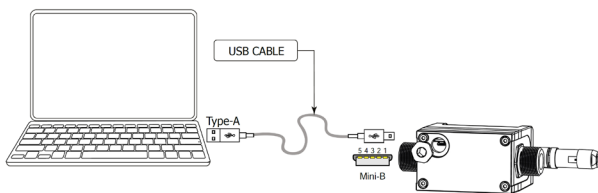


### APPLICATIONS









- Replacement of mechanical meters
- Solvent Dispensers
- Flow Control for water-soluble coolant
- Sampling systems
- Dosing of additives in concrete
- Water distribution for industrial cooking, washing machines
- Control of consumption
- Wood treatment
- Control in cooling systems for welding, laser machines, robots or metal manufacturing
- Machine Tools

### AVAILABLE FEATURES

- Up to 2 programmable open-collector pulse or alarm outputs
- One 4/20 mA output
- Attached I/O Interface cable or 5 pin connector



Programs easily via USB using ISOIL MCP Software

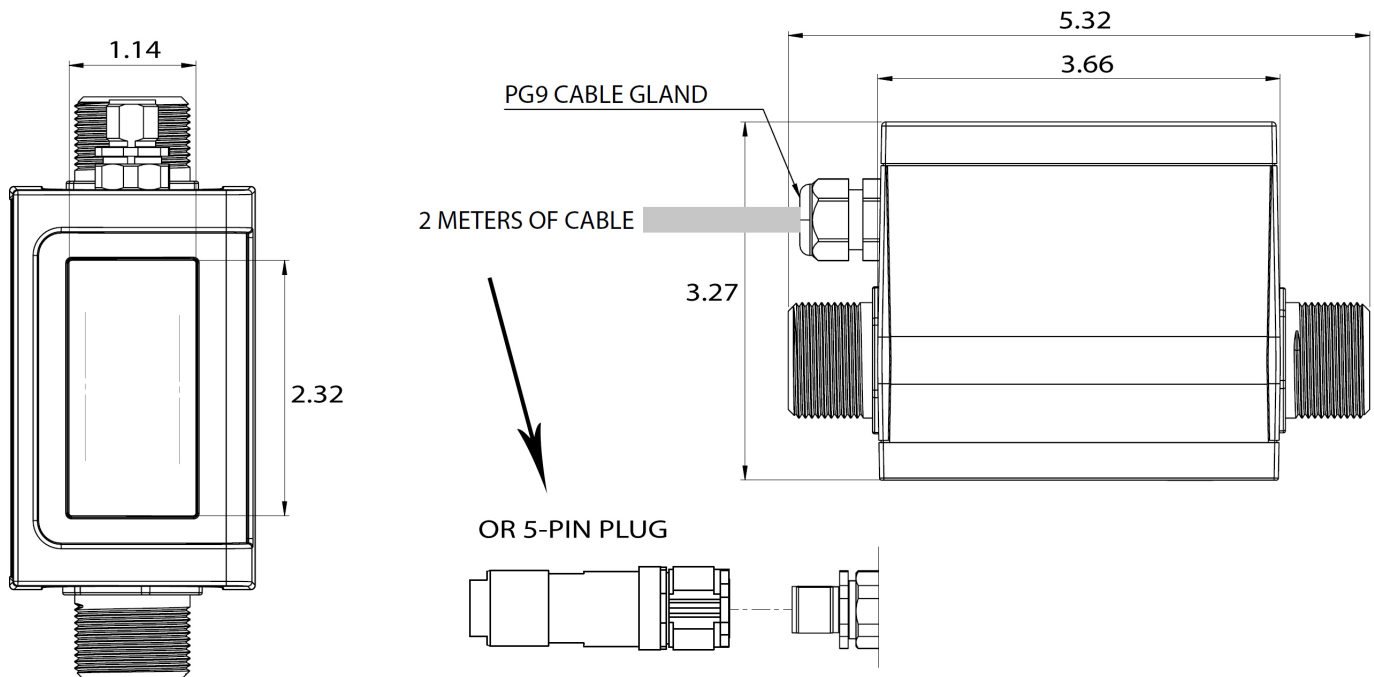
			
			
EP	EMPTY PIPE WARNING		
	ALARM WARNING		
	PROCESS ALARM		
	DATA TRANSMISSION		
	FLOW DIRECTION		
	ACTIVE FLOW RATE		
	l/s m <sup>3</sup> /h gal/min		
	m <sup>3</sup> gal		

**ELECTROMAGNETIC FLOWMETER**

# FLOMOTION CS8100 ENGINEERING SPECIFICATIONS

- Flow Range: 0.2 to 10.6 GPM
- Minimum conductivity: 20 mS / cm
- Accuracy + / - 0.5% of range
- Electrodes: Hastelloy® C276
- Process Connection 1/2" or 3/4" NPT
- Pressure: 145 PSI max
- Ambient Temperature: +14 to +122F
- Liquid Temperature: -4 to +185F
- Sensor Material: NORYL™ + 30% Fiber Glass
- FKM O-rings (EPDM Optional) NPT.
- Housing: NORYLTM + 30% of Fiber Glass
- Protection NEMA 6 (IP 67)
- Power supply: 18-30 VDC, 1W,
- Electrical connections: 5-pin connector or attached cable
- Data Storage EEprom, Battery Backup RAM
- Diagnostic Functions

## DIMENSIONS (in)



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