

ELECTROMAGNETIC FLOW METER

FM9006-PTC INFORMATION SHEET



Specifications	FM9006-PTC
Flow Range	0.02 to 1.5 US GPM / 0.08 to 5.7 LPM
Pressure Drop	< 5 psi / 0.34 bar at maximum rated flow
Maximum Rated Pressure	100 psi / 6.9 bar
Voltage	5 to 16 VDC
Current	Startup current: < 1.0 A Run current: = 150 mA
Fluid Requirements	Water based with conductivity >50 μ S/cm
Output	a) Frequency <ul style="list-style-type: none"> • 12-volt square wave • 150,000 pulses per US gallon / 39,600 pulses per liter b) CAN*
Inlet/Outlet	3/8" or 10 mm PTC (push-to-connect) fitting
Accuracy	+/-2% of reading @ 0.05 to 1.5 GPM / 0.19 to 5.7 LPM +/-5% of reading @ 0.02 to 0.05 GPM / 0.08 to 0.19 LPM
LEDs	Green – Power Flashing Orange – Flow 1 Hz @ 0.02 to 0.1 GPM / 0.08 to 0.38 LPM 3 Hz @ >0.1 to 0.5 GPM / 0.38 to 1.90 LPM 10 Hz @ >0.5 to 1.5 GPM / 1.90 to 5.70 LPM <i>NOTE: On the CAN version, the orange LED will remain ON until a CAN address is claimed.</i>
Response Time	<50 milliseconds
Rated Temperature Range	Operating: 32°F to 140°F / 0°C to 60°C Storage: -20°F to 175°F / -29°C to 80°C
Materials	Polypropylene 300 series stainless steel Viton
Environmental Protection Rating	IP67
Approximate size	4.3" x 2.4" x 2.4" / 110 mm x 61 mm x 61 mm

* Proprietary CAN protocol. Contact TeeJet for more information.

Part Numbers

FM9006-3/8-PTC, Frequency output, 3 pin Deutsch DT series

FM9006-3/8-PTC-CAN, CAN output, 6 pin Deutsch DT series

FM9006-10mm – PTC, Frequency output, 3 pin Deutsch DT series

FM9006-10mm – PTC CAN, 6 pin Deutsch DT series

Cable Information

Connector, Deutsch 3 Pos/Skts (FM9006-3/8-PTC, FM9006-10mm-PTC)			
Pin Out	Color	Function	Cable Length
A	Black	Ground	1.654' / 0.5 m
B	White	Signal	
C	Red	+12V	

Connector, Deutsch 6 Pos/Pins (FM9006-3/8-PTC-CAN, FM9006-10mm-PTC-CAN)			
Pin Out	Color	Function	Cable Length
1	Black	Ground	TBD No official print.
2	Red	+12V	
3	Green	CAN L	
4	White	CAN H	
5	Yellow	5th Wire In	
6	Blue	5th Wire Out	

Dimensions

