



**Fluid Flow Sensor Mechanical Drawing**

**Fuel Flow Sensor Specifications**

Part Number	Flow Range	Nominal K Factor
M1AR	2 LPH to 100 LPH (0.53 GPH to 26.4 GPH)	1000 pulses/L (3785.4 pulses/Gal)
M2AR	25 to 500 LPH (6.6 to 132 GPH)	400 pulses/L (1514.2 pulses/Gal)

Specification	Value
Operating Temperature	-40°C to 80°C (-40°F to 176°F)
Storage Temperature	-65°C to 170°C (-85°F to 338°F)
Construction	Housing Material: Aluminum Rotors: PPS (Ryton) Shafts: 316/304 Stainless Steel Magnets: Samarium Cobalt O-Ring: FKM (Viton™)
Port Size	1/4" NPT Female
Accuracy % Reading	±0.25% (With K factor on sensor entered into FFM100)
Maximum Viscosity	1000 cPs
Maximum Operating Pressure	68.95 Bar (1000 PSI)
Strainer Size	200 Mesh (If not already installed after fuel filter)
Cable Length	1m (3.28 ft)
Weight	M1AR: 775g (1.71 lb), M2AR: 755g (1.66 lb).
Dimensions	74 x 71 x 48.6 mm (2.91 x 2.80 x 1.91 in.)

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