

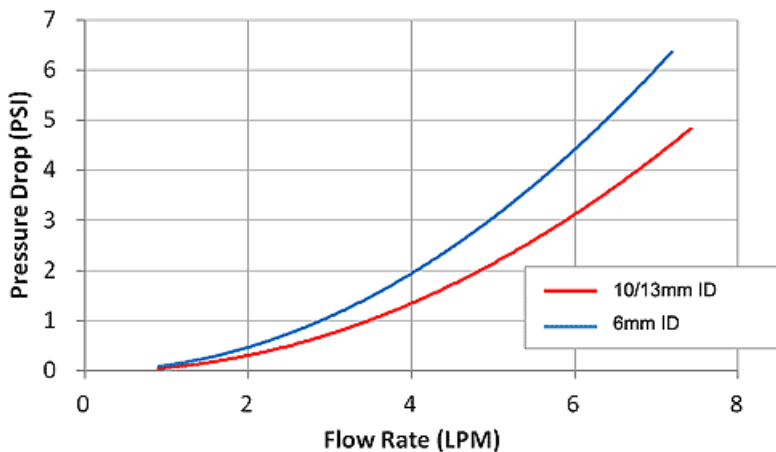
INS-FM14 Coolant Flow Meter, Reed Switch



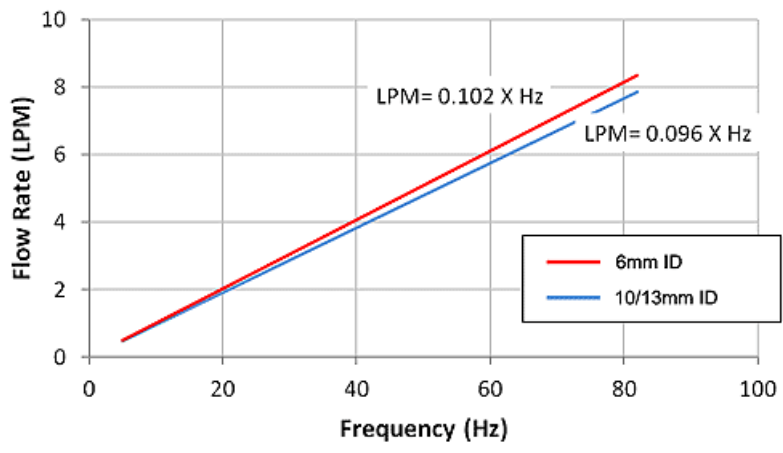
Koolance's inline flow meters provide electronic indication of real-time coolant flow rate. This model uses a reed switch to detect impeller rotation. G 1/4 BSPP fitting threads, and primary materials are nickel-plated brass and acrylic. Approximate read range is 0.5-10 LPM (7.8- 158GPH). Wire length is about 28" (70cm). It is recommended to keep current through the flow meter at 10mA or less to prevent damage.

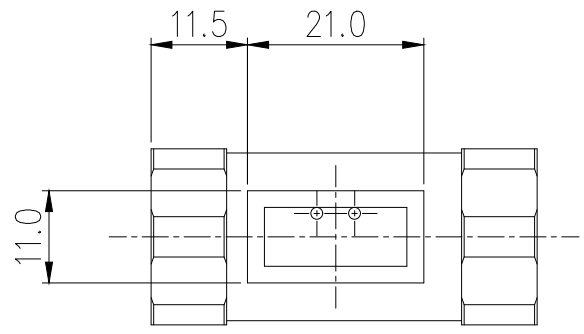
Flow Meters	
Accuracy (Approx.)	+/-5%
Flow Rate Range	0.5-10 LPM (7.8- 158GPH)
General	
Weight	0.13 lb (0.06 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	2kgf/cm2 (28.5psi)
Max Temperature Tolerance	70°C (158°F)
Min Storage Temperature (*No Freezing)	0°C (32°F)
Wetted Materials	Nickel-Plated Brass, PTFE, PMMA Acrylic, Stainless Steel, POM Acetal, PBT, SmCo5

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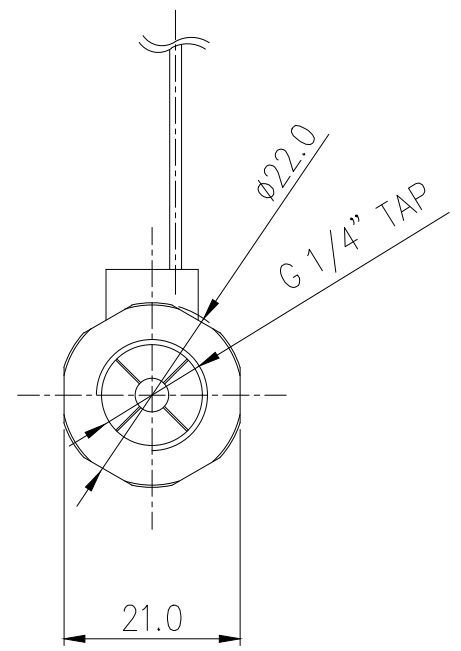
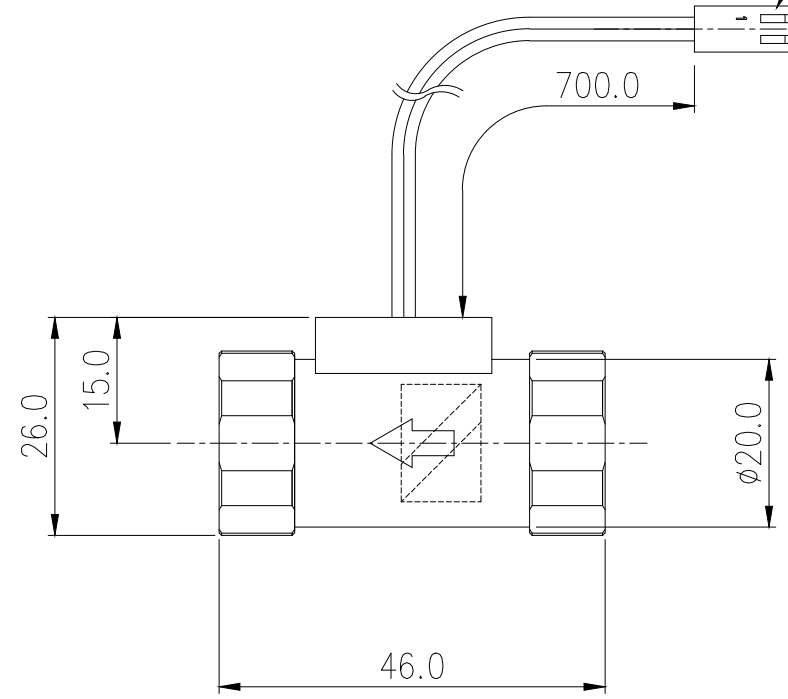
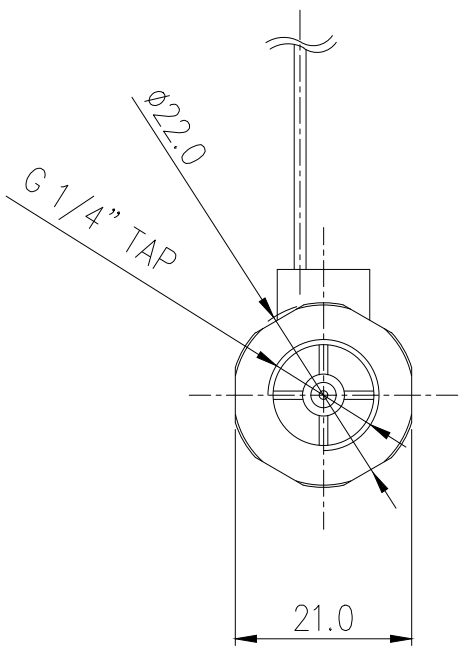


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- Housing : Molex 5051-02 (or Equivalent)
- Terminal : Molex 5159 (or Equivalent)



NO.	DESCRIPTION				MATER'L	QUANTITY	REMARKS
					UNIT	MM	APPAR INS-FM14
					SCALE	N/S	TITLE
DATE	BY	BY	BY	APPRO BY	3RD ANGLE Ass'y		
JAN.20.2025	S.J.LEE				CODE NO.	DWG. NO.	