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Specifications Sheet

Generated: 2026-11-15

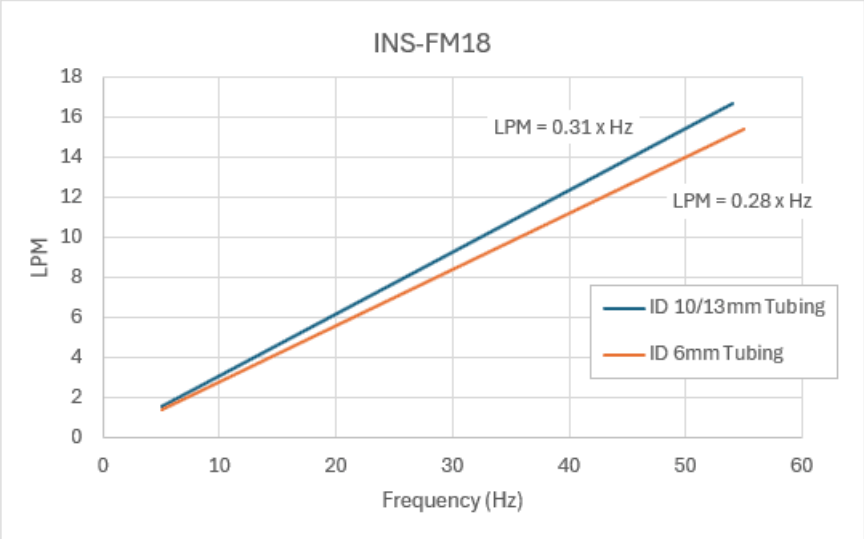
P/N: INS-FM18

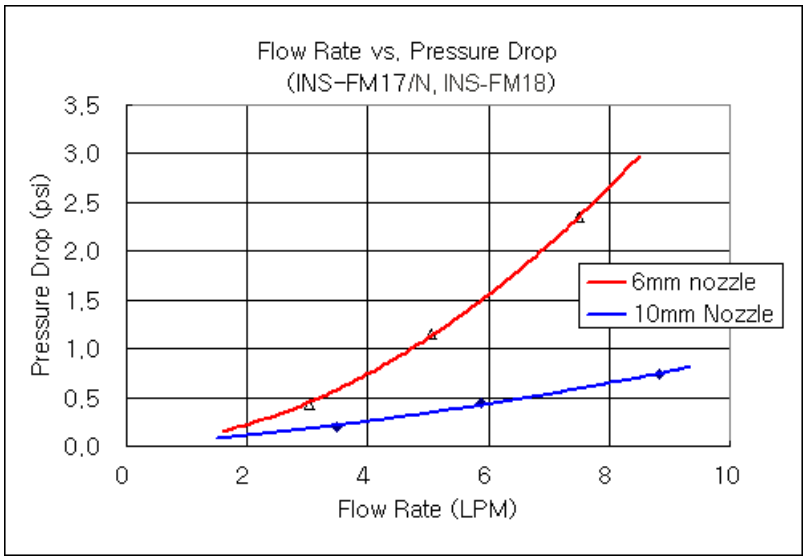
INS-FM18 Coolant Flow Meter, Stainless Steel, Reed Switch



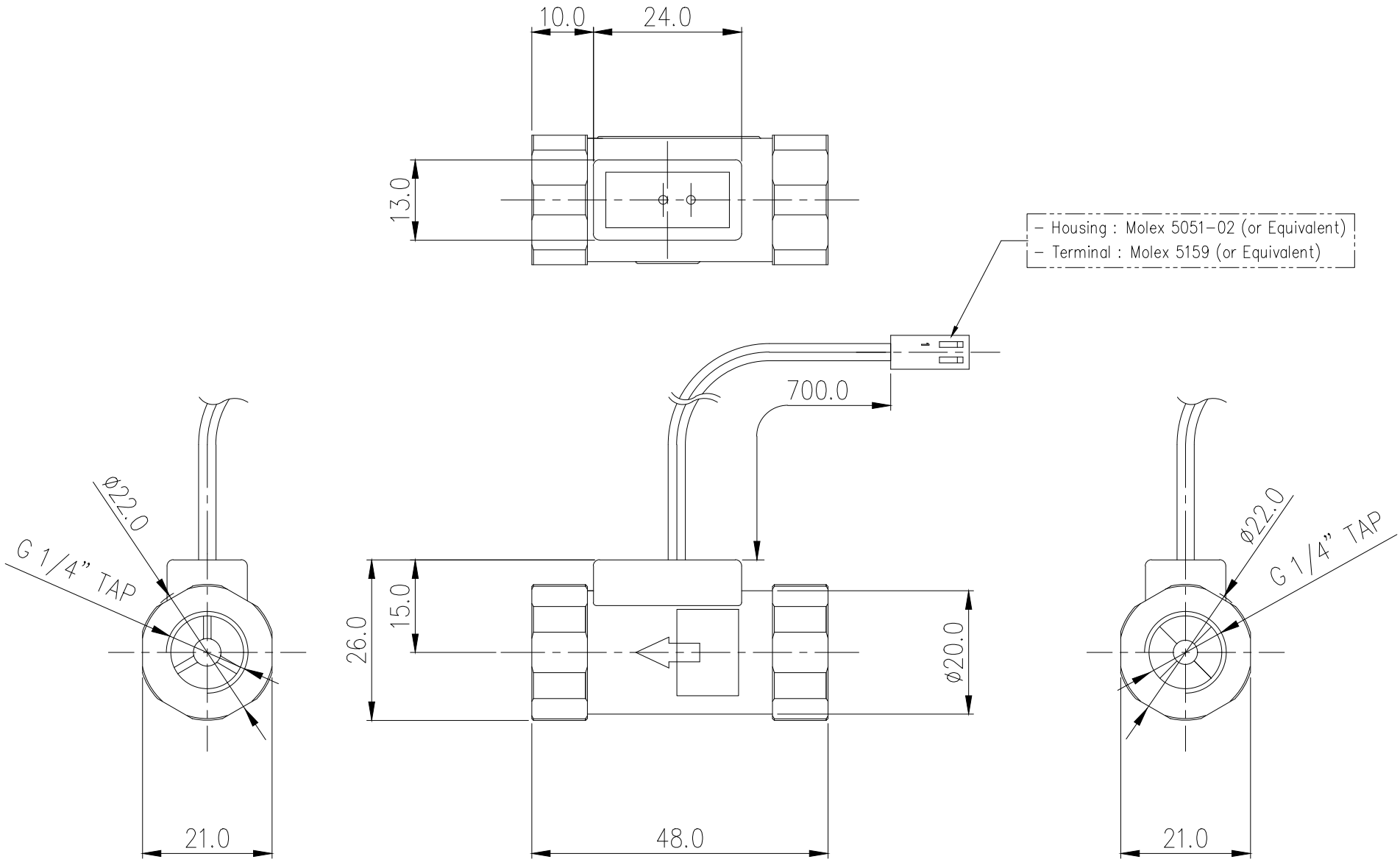
Koolance's inline flow meters provide electronic indication of real-time coolant flow rate. This model uses a reed switch to detect impeller rotation. G 1/4 BSPP fitting threads, and primary materials are stainless steel and nickel-plated brass. Approximate read range is 2.0-20 LPM (32-317 GPH). Wire 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	2.0-20 LPM (32-317 GPH)
General	
Weight	0.18 lb (0.08 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25°C	10kgf/cm2 (142.2psi)
Max Temperature Tolerance	100°C (212°F)
Min Storage Temperature (*No Freezing)	0°C (32°F)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, POM Acetal, SmCo5




Flow Rate vs. Pressure Drop
(INS-FM17/N, INS-FM18)
Pressure Drop (psi)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
Flow Rate (LPM)
6mm nozzle
10mm Nozzle

File



NO.	DESCRIPTION				MATER'L	QUANTITY	REMARKS
KOOLANCE					UNIT MM	APPAR INS-FM18	
	BY	BY	BY	APPRD BY	SCALE N/S	TITLE Ass'y	
DATE					3RD ANGLE		
JAN.20.2025	S.J.LEE				CODE NO.	DWG. NO.	