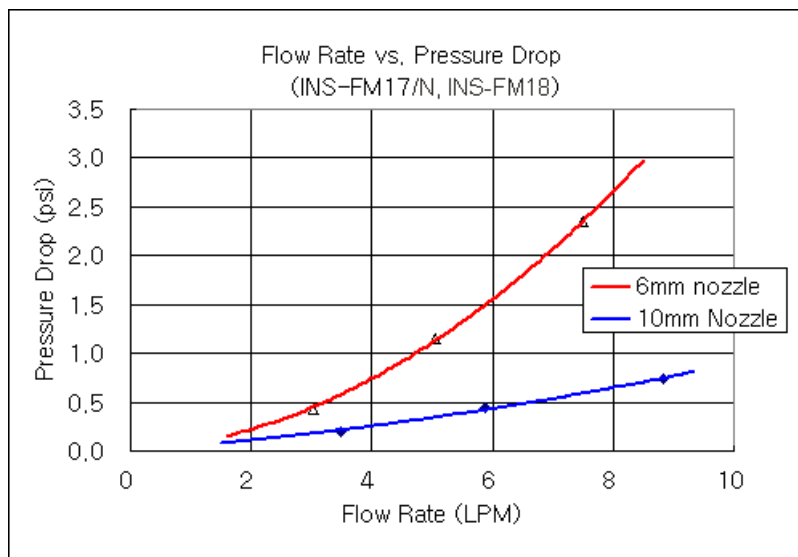
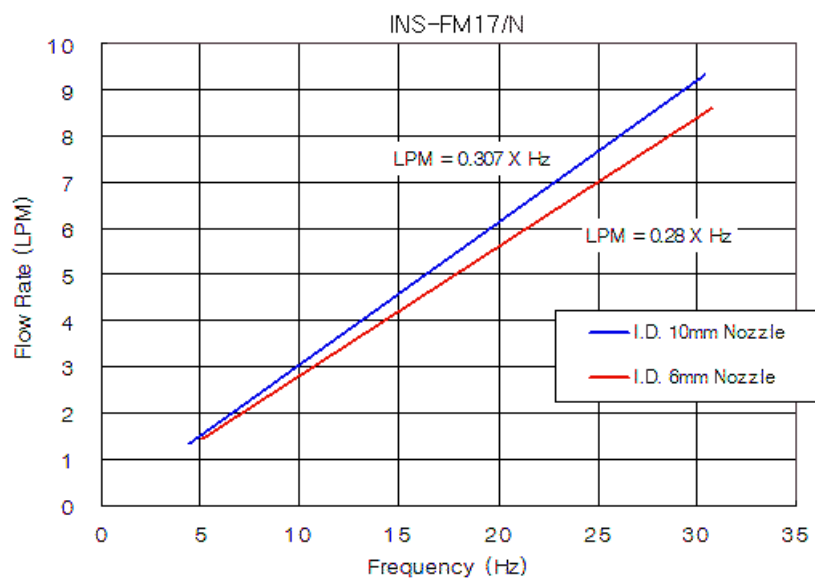


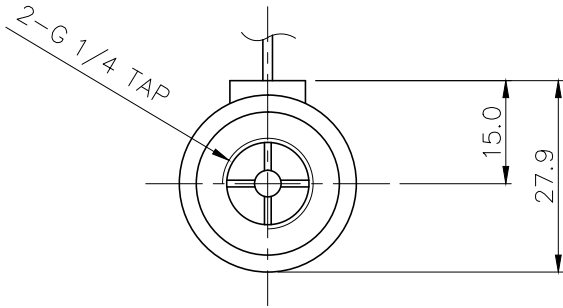
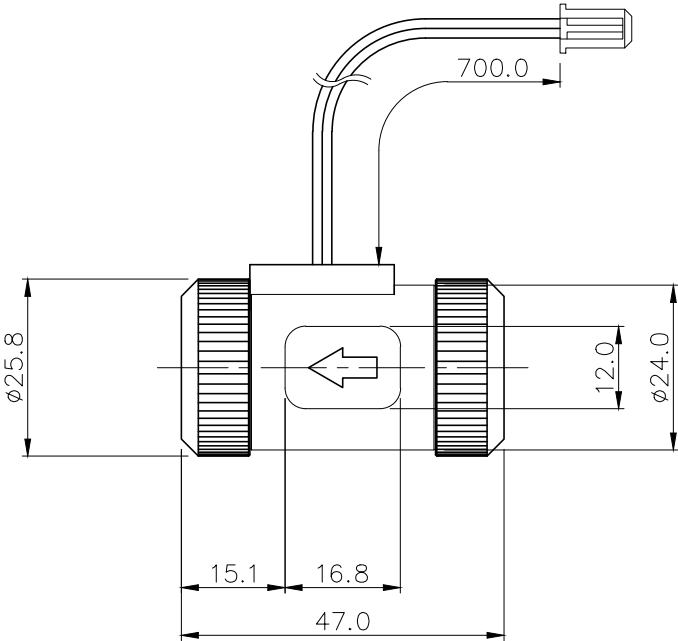
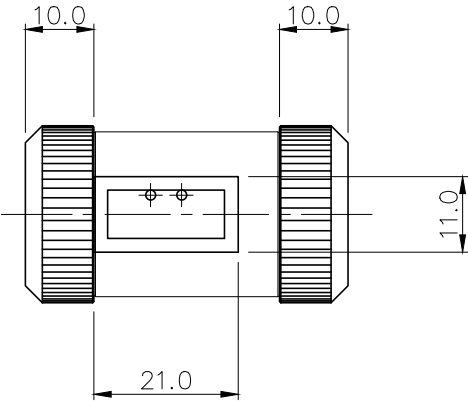
## INS-FM19 Coolant Flow Meter, Reed Switch



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 1.0-20 LPM (15.6-317 GPH). Wire length is about 28" (70cm). INS-FM19 is identical to INS-FM17N, but has an external metal shell for greater durability. 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	1.0-20 LPM (15.6-317 GPH)
General	
Weight	0.16 lb (0.07 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25° C	5kgf/cm2 (71.1psi)
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





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY
REVISION					

NO.		DESCRIPTION				MATER'L		QUANTITY	REMARKS
<b>KOOLANCE</b>		<b>INC.</b>				UNIT	MM	ITEM	INS-FM19
						SCALE	N/S	TITLE	
						3RD ANGLE		Ass'y	
DATE		BY	BY	BY	APPRO	BY			
		S.J.LEE				CODE NO.		DWG. NO.	PAGE