

Model G240 Gear Flow Meter (Frequency) 2.4 to 240 liters/min

SPECIFICATIONS

Flow Range	2.4 to 240 liters/min.
Maximum Operating Pressure	275 bar (4000 psi) - NPT fittings 414 bar (6000 psi) - SAE fittings
Displacement	133 cc/rev
Weight	21 kg
Recommended Filtration	30 micron
Port Size(s)	1" NPT, #16 SAE
Accuracy (at 30 cP)	± 0.3% of reading over a 100:1 turndown (30 cP)
Fluids	Most non-aqueous, hydrocarbon based fluids

MATERIALS OF CONSTRUCTION

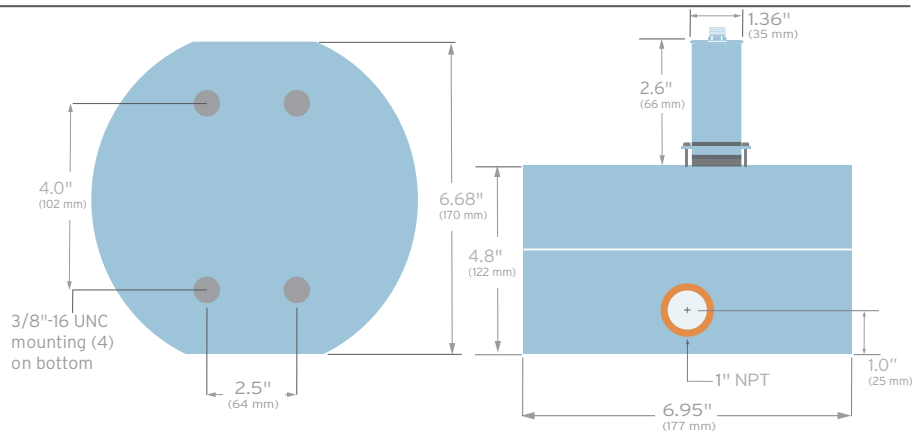
Body	Stainless steel, type 303
Gears and Shafts	Stainless steel, type 17-4
Bearings	All ball bearings, 440C stainless steel
Seals	Viton®- standard, Teflon®, Perfluoro elastomer

FREQUENCY TRANSMITTER

Output Signal	5 Vdc square wave (TTL and CMOS compatible)
Output Resolution	Selectable: 1-1000 pulses/rev (up to 7 pulses/cc)
Min-max frequency	0 - 60 KHz
Power Supply Requirements	5 - 26 Vdc, @ 30 mA
Ambient Operational Range	-40°C to 80°C
Metered Liquid Temp Range	-40°C to 95°C, standard model (using 5 Vdc power) -40°C to 155°C, high temperature model -40°C to 218°C, ultra high temperature model
Compliance	CE Certified

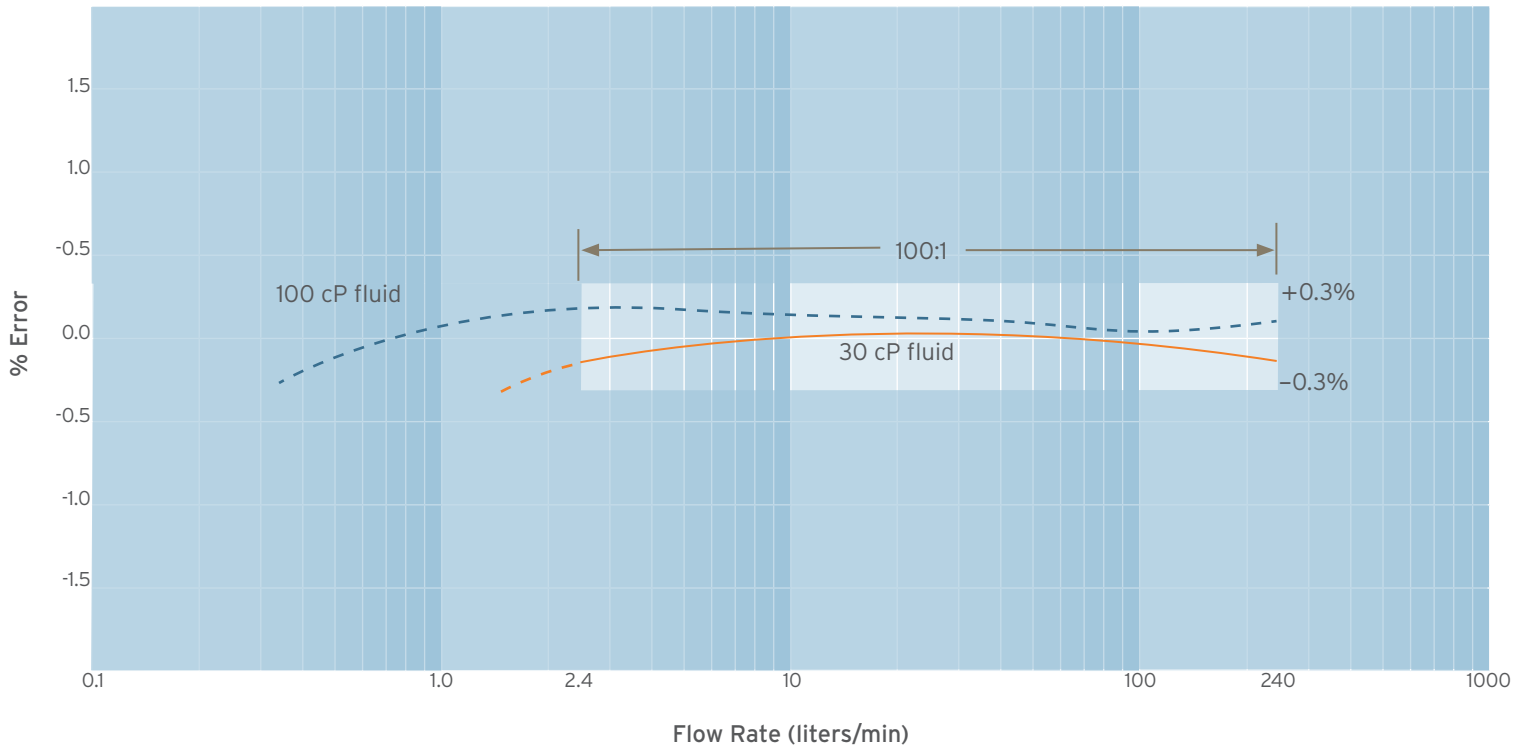
CONNECTIVITY/DIMENSIONS

Turck® Connector		
Mating Cable Wire Color	Pin #	
Case Ground	Blue	3
Common	Black	4
Power (+5-26Vdc)	Brown	1
Pulse Output	White	2
N/A	Grey	5



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ACCURACY (Sample Curves)



TYPICAL PRESSURE DROP

