



Max Machinery, Inc.
an ISO 9001:2008 certified company

Model G015 Gear Flow Meter (Analog)

0.075 to 15 liters/min

SPECIFICATIONS

Flow Range	0.075 to 15 liters/min
Maximum Operating Pressure	414 bar (6000 psi)
Displacement	4.2 cc/rev
Weight	1.8 kg
Recommended Filtration	15 micron
Port Size(s)	3/8" NPT or #6 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

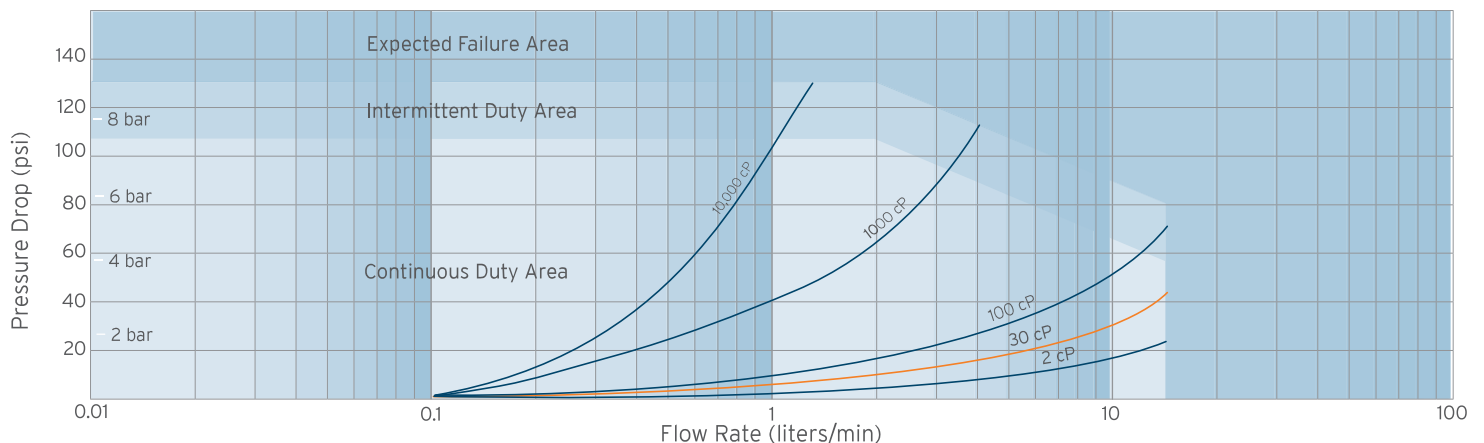
Body	Stainless steel, type 303
Gears and Shafts	Stainless steel, type 17-4
Bearings	All ball bearings, 440C stainless steel
Seals	Viton® - standard, Teflon®, Perfluoroelastomer – optional

ANALOG TRANSMITTER

Output Signal	Any range of ± 10V or ± 20mA Linearized and damped with anti-dither protection. Accurate to 2mV or 4μA
Power Supply Requirements	Two Models: 12Vdc @ 90 mA, 24Vdc @ 45 mA
Ambient Operational Range	-40°C to 80°C, Single piece – Two piece to 110°C
Metered Liquid Temp Range (based on 20° ambient)	-40°C to 90°C, Standard model -40°C to 155°C, Two piece high temperature model -40°C to 225°C, Two piece, ultra high temperature model
Compliance	CE Certified, Ex-proof version available with ATEX, UL, cUL certification for Class 1, Division 1, Groups C and D

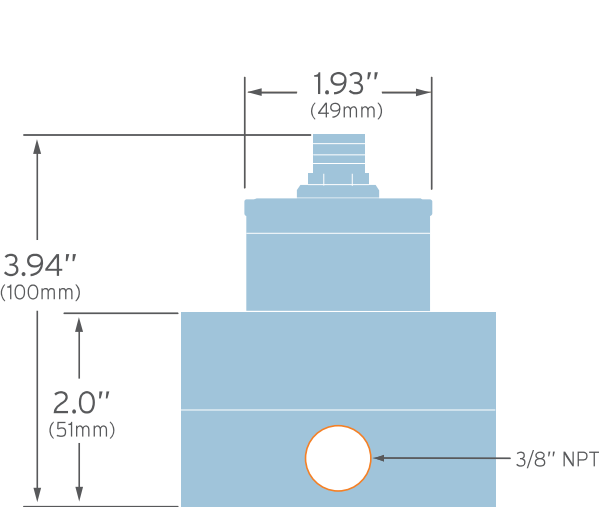


TYPICAL PRESSURE DROP

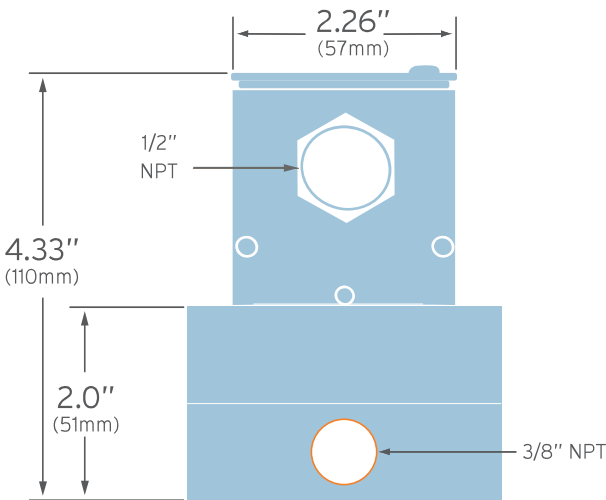


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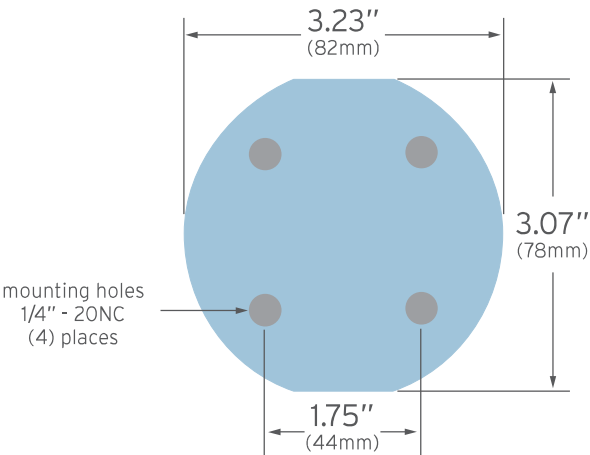
CONNECTIVITY/DIMENSIONS



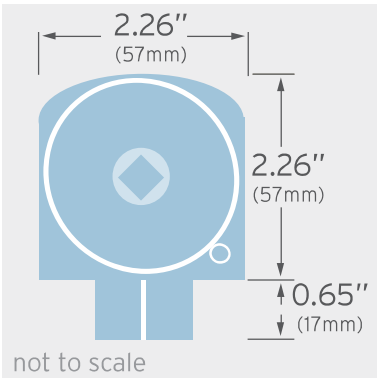
MODEL G015 WITH INDUSTRIAL HOUSING TRANSMITTER



MODEL G015 WITH EX-PROOF HOUSING TRANSMITTER

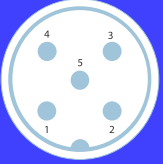


BOTTOM VIEW

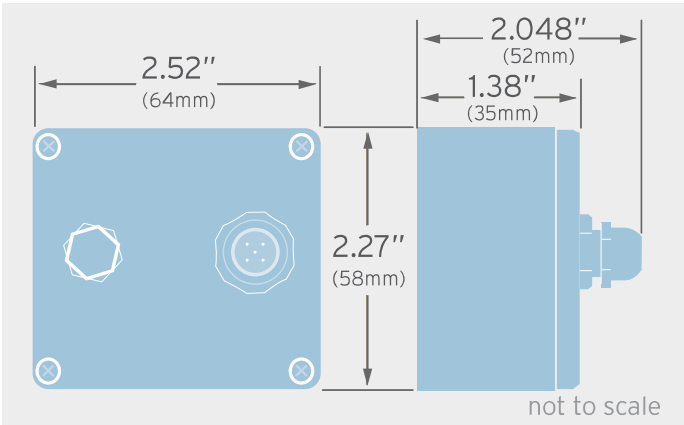


EX-PROOF HOUSING TOP VIEW

ELECTRICAL CONNECTION – ANALOG TRANSMITTERS

	Turck® Connector		
	Pin #	Mating Cable Wire Color	NPT model
Case Ground	3	Blue	Case
Common	4	Black	Com
Power *	1	Brown	V+
Signal Output (+)	5	Grey	Sig
Signal Output (-)	2	White	Ret

* Please specify 12Vdc or 24Vdc operation



REMOTE PCA ENCLOSURE FOR HIGH TEMPERATURE TRANSMITTERS