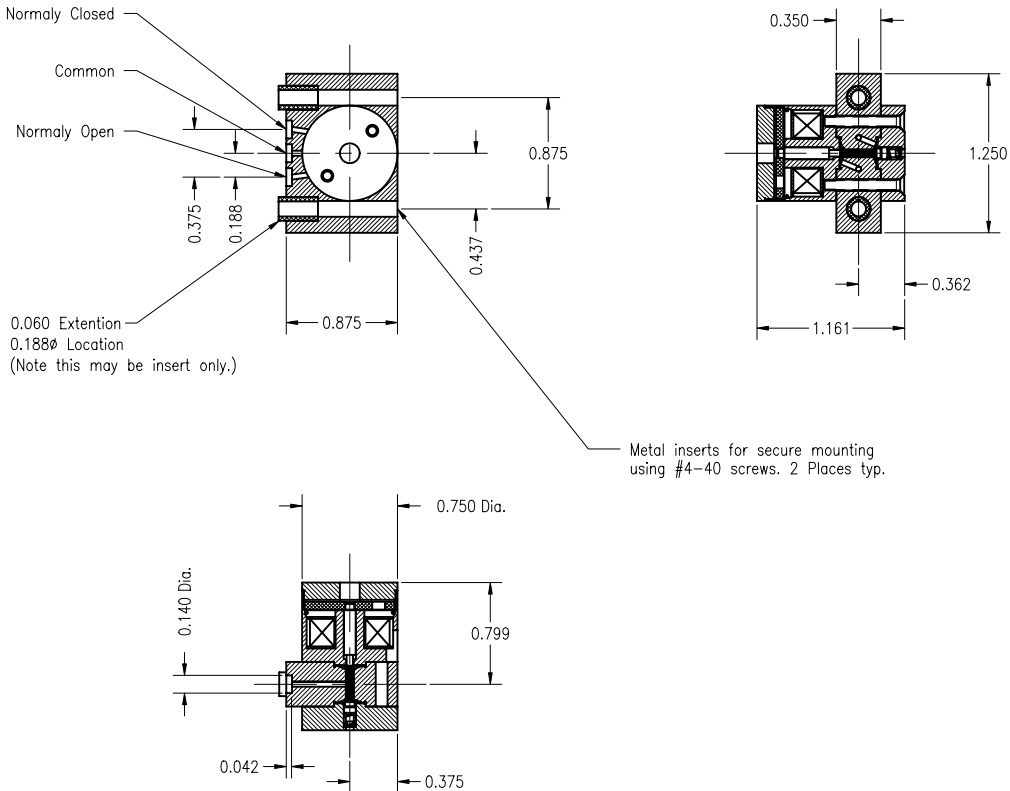


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SPECIFICATIONS:

- Mechanical:** (Each Port)
- TYPE: 3w Diverter
 - PORT CONNECTION: Manifold mount (supplied with Viton O'rings)
 - NOMINAL ORIFICE: 0.040 In. (1.0 mm)
 - OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
 - TEST PRESSURE: 30 PSI N₂ (Less than 3µl/min)
 - INTERNAL VOLUME: 91 microliters (Common passage)
32.5 microliters (each inlet port)
 - WETTED MATERIALS: TEFLON®and PEEK
 - MOUNTING ORIENTATION: Any Position

- Electrical:** At 70° F (No pressure applied)
- OPERATING VOLTAGE: 6 VDC (Continuous See note 1.)
6 to 12 volts subject to duty cycle and / or holding voltage applied.
 - POWER CONSUMPTION: 1.15 Watts/6 VDC (approx.)
 - LEAD WIRES: #26 AWG, TFE Insulated
White 18 In. (about 450mm) long.
 - TEST VOLTAGE (ON): < 4.5 VDC
 - TEST VOLTAGE (OFF): 0.25 to 2 VDC
 - RESPONSE TIME (ON): 20ms Max. (6 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
 - RESPONSE TIME (OFF): 30ms Max. (from 6 VDC)
30 to 5 ms adjustable by driving circuits.

NOTE 1.)
Continuous rating applies to solenoid construction only.
Since other materials incorporated in the product may not tolerate temperature variations as well as the solenoid application of holding voltage is strongly recommended.

NOTICE:
This product is protected by one or more of the following United States Patents:
4,496,133; 4,993,456; 5,143,118; Re. 34,261 5,433,244. Other Patents Pending.

UNLESS OTHERWISE SPECIFIED			Scale	1 : 1 (B)	Material	As noted
Fractions	± 1/64	Break Sharp Edges	0.003–0.008	Dr. By	G. Stevens	Date
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003–0.008	Checked		Approved
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name		
Angular	± 0.06°	Parallel, Flat, Square and True		.TMMAPK030 3W 6VDC		
All Fin. Surf.		to Each Other within 0.001 T.I.R.		Drawing Number		
						.VALM239

