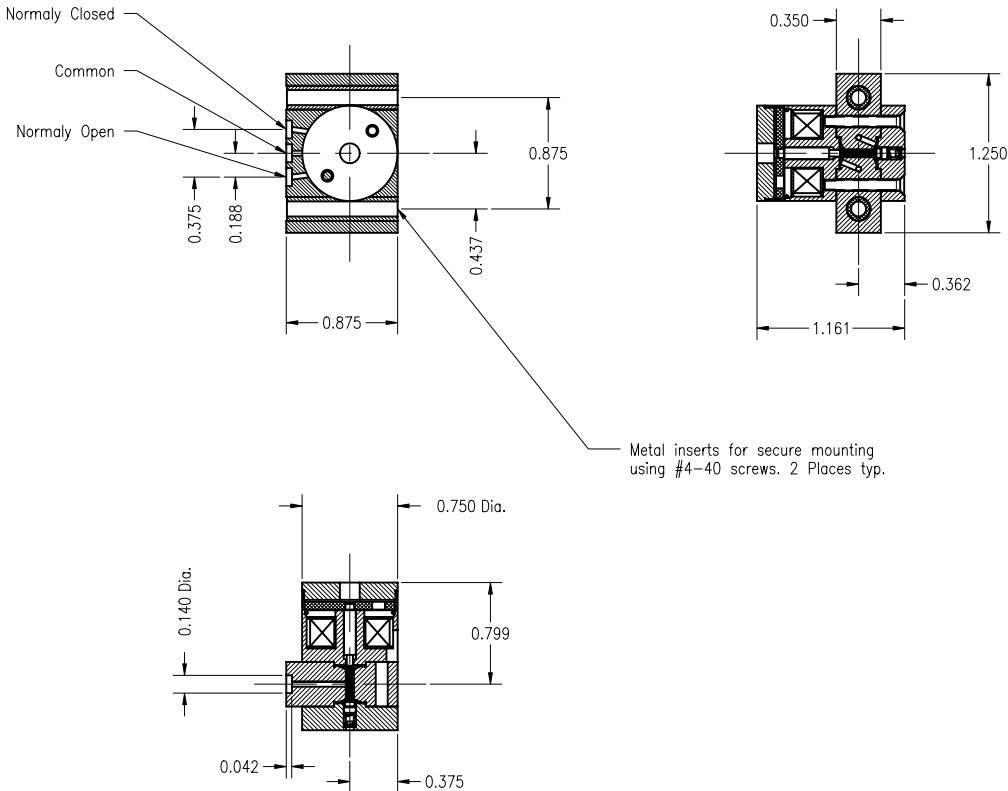


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SPECIFICATIONS:

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. Leakage.)
INTERNAL VOLUME: 91 microliters (Common passage)
32.5 microliters (each inlet port)
WETTED MATERIALS: TEFLON®
MOUNTING ORIENTATION: Any Position

Electrical: At 70° F (No pressure applied)

- OPERATING VOLTAGE: 12 VDC (Continuous) See note 1.)
12 to 24 volts subject to duty cycle and / or holding voltage applied.
POWER CONSUMPTION: 1.13 Watts at 12 VDC (Approximately)
LEAD WIRES: #26 AWG, TFE Insulated
Yellow 18 Inches (about 450 mm) long.
TEST VOLTAGE (ON): < 9 VDC
TEST VOLTAGE (OFF): 0.5 to 4 VDC
RESPONSE TIME (ON): 20ms Max. (12 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
RESPONSE TIME (OFF): 30ms Max. (from 12 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	A. Sule	Date	09–23–1995	
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003–0.008	Rev. By	F. Tarnok	Date	07–06–2009	
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric, Parallel, Flat, Square and True to Each Other within 0.001 T.I.R.		Part Name			Drawing Number	
Angular	± 0.06°			MMAT031 3w 12vdc			VALM560	
All Fin. Surf.								

