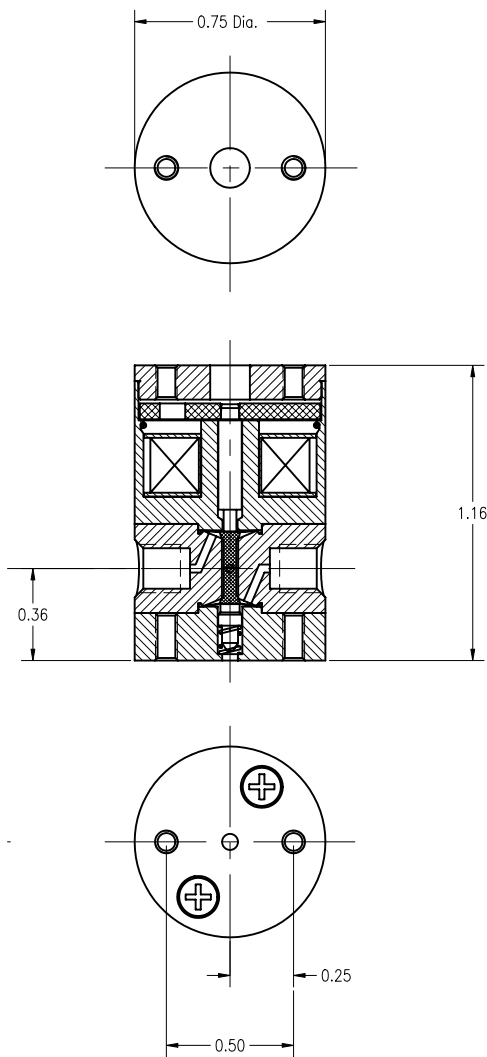


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SPECIFICATIONS:

- Mechanical:** (Each Port)
- TYPE: 3w diverter
 - PORT CONNECTION: #10-32 Flat bottom.
 - 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: 27 microliters total from bottom of ports.
 - WETTED MATERIALS: TEFLON® Diaphragm + PEEK Body
 - MOUNTING ORIENTATION: Any Position
- Electrical:** (At 70° F No Pressure Applied)
- OPERATING VOLTAGE: 24 VDC
24 to 48 VDC subject to duty cycle and / or holding voltage applied.
 - POWER CONSUMPTION: 1.15 Watts at 24 VDC (Approximately)
 - LEAD WIRES: #26 AWG, TFE Insulated
Blue 12 Inches (305mm) long.
 - TEST VOLTAGE (ON): < 18 VDC
 - TEST VOLTAGE (OFF): 1 to 8 VDC
 - RESPONSE TIME (ON): < 20ms at 24 VDC
5 to 20 ms subject to applied voltage and driving circuits.
 - RESPONSE TIME (OFF): < 30ms from 24 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 | 2 : 1 (B) | Material | As noted |
|----------------------------|---------|-----------------------------------|-------------|-----------|----------|----------------|
| Fractions | ± 1/64 | Break Sharp Edges | 0.003-0.008 | Dr. By | A. Sule | Date |
| 2 Pl. Dec. | ± 0.005 | All Small Fin. Radii | 0.003-0.008 | Rev. By | F.Tarnok | Date |
| 3 Pl. Dec. | ± 0.002 | All surfaces shall be Concentric, | | Part Name | | |
| Angular | ± 0.06° | Parallel, Flat, Square and True | | T161PK032 | 3w | 24vdc |
| All Fin. Surf. | | to Each Other within 0.001 T.I.R. | | | | Drawing Number |
| | | | | | VALM617 | |

