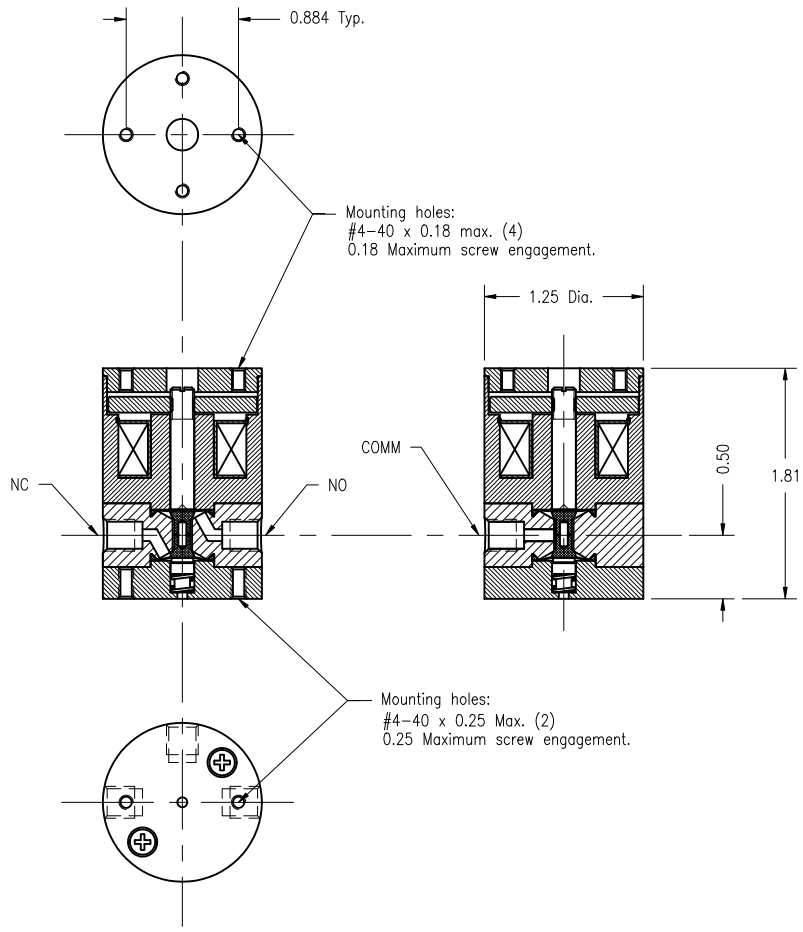


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SPECIFICATIONS:

Mechanical:


- TYPE: 3w Diverter
- PORT CONNECTION: 1/4-28 Flat Bottom
- NOMINAL ORIFICE: 0.080 In. (2mm)
- OPERATING PRESSURE: Vacum to 30 PSI (2 Bars)
- TEST PRESSURE: 30 PSI N₂ (Less Than 3μl/Min.)
- INTERNAL VOLUME: 209μl
- WETTED MATERIALS: TEFLON®
- MOUNTING ORIENTATION: Any Position

Electrical: (At 70° F No Pressure)

- OPERATING VOLTAGE: 24 Vdc. (Continuous) Note 1.)
24 to 48 Volts Subject to duty cycle and/or holding voltage applied.
- POWER CONSUMPTION: 7.2 Watts at 24 Vdc. (Approximately)
- LEAD WIRES: #22 AWG, TFE Insulated
Yellow/Blue 18 Inches long (450mm)
- TEST VOLTAGE (ON): < 18 Volts no pressure applied.
- TEST VOLTAGE (OFF): 1 to 8 Volts no pressure applied.
- RESPONSE TIME (ON): < 20 ms at 24 Volts.
5 to 20 ms subject to applied voltage and driving circuits.
- RESPONSE TIME (OFF): < 30 ms from 24 Volts
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	08–Mar–09	
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,						
Angular	± 0.06°	Parallel, Flat, Square and True						Drawing Number
All Fin. Surf.		to Each Other within 0.001 T.I.R.						
				Part Name				.VALM451
				.Valve 3w HP360T032				

