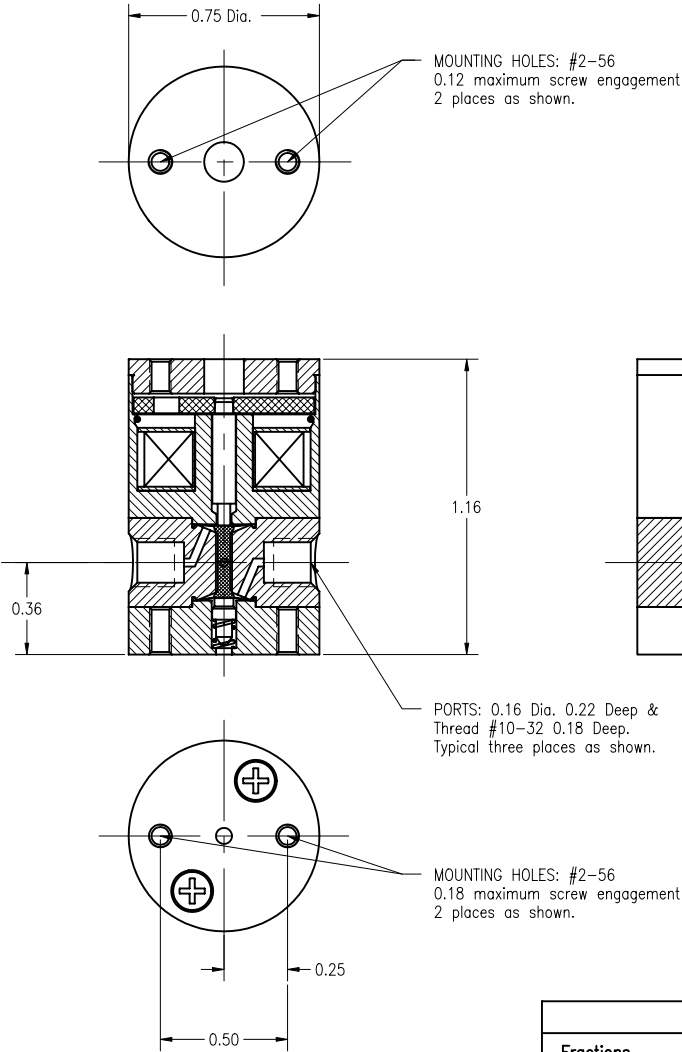


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SPECIFICATIONS:

Mechanical: (Each Port)

- TYPE: 3w diverter  
PORT CONNECTION: #10-32 Flat bottom  
NOMINAL ORIFICE: 0.040 In. (1.0 mm)  
OPERATING PRESSURE: Vacuum to 100 PSI (6.8 Bars)  
TEST PRESSURE: 100 PSI N<sub>2</sub> (No leakage)  
INTERNAL VOLUME: 27 microliters total from port to port to port.  
WETTED MATERIALS: TEFLON®  
MOUNTING ORIENTATION: Any Position

Electrical: ( At 70° F No Pressure Applied )

- OPERATING VOLTAGE: 24 VDC (continuous) See Note 1.)  
24 to 48 volts subject to duty cycle and/or holding voltage applied.  
POWER CONSUMPTION: 2.0 Watts/24 VDC (approx.)  
LEAD WIRES: #26 AWG, TFE Insulated  
Yellow/Blue 18 In. ( about 450mm ) long.  
TEST VOLTAGE (ON): < 18 VDC  
TEST VOLTAGE (OFF): 1 to 8 VDC  
RESPONSE TIME (ON): 20ms Max. (24 VDC)  
5 to 20 ms subject to applied voltage and driving circuits.  
RESPONSE TIME (OFF): 30ms Max. (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 08-27-1998
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 HP161T032 3w 24vdc	
Angular	± 0.06°	Parallel, Flat, Square and True to Each Other within 0.001 T.I.R.		
All Fin. Surf.			Drawing Number VALM756	

