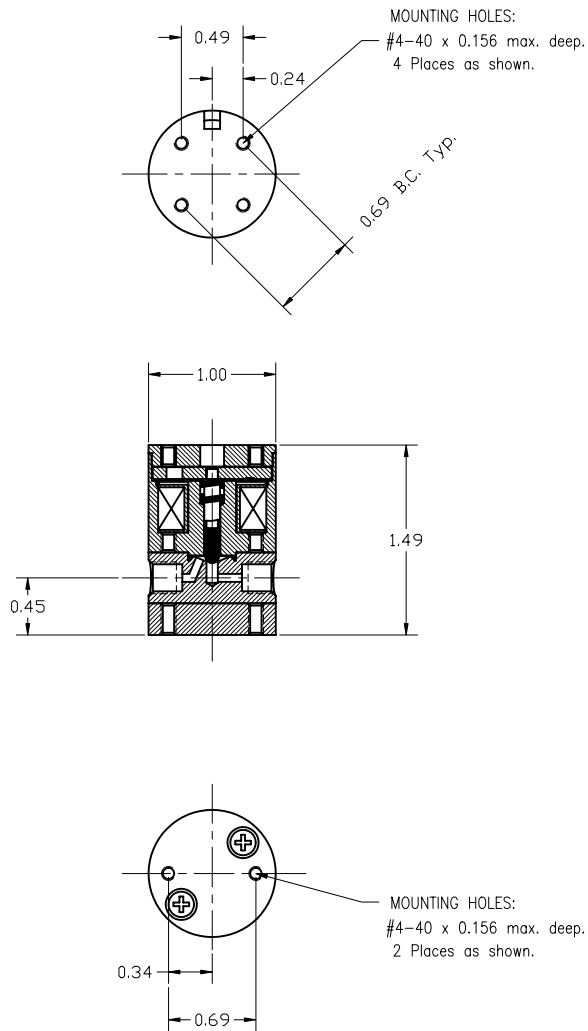


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**SPECIFICATIONS:**

**Mechanical:** (Each Port)  
TYPE: 2w Normally Open  
PORT CONNECTION: 1/4-28 Flat Bottom  
NOMINAL ORIFICE: 0.062 In. (1.5 mm)  
OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)  
TEST PRESSURE: 30 PSI N<sub>2</sub> (Less Than 3µl/min Leakage)  
INTERNAL VOLUME: 57 microliters from bottom of ports.  
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 VDC Subject to duty cycle and/or holding voltage applied.  
POWER CONSUMPTION: 1.6 Watts at 12 VDC ( Approximately )  
LEAD WIRES: #26 AWG, TFE Insulated  
Yellow 18 Inches long ( 457 mm )  
TEST VOLTAGE (ON): < 9 VDC at time of shipment.  
TEST VOLTAGE (OFF): 0.5 to 4 VDC at time of shipment.  
RESPONSE TIME (ON): < 20 ms at 12 VDC  
5 to 20 ms subject to applied voltage and driving circuits.  
RESPONSE TIME (OFF): < 30 ms 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
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	225T021 2wNO 12vdc	
Angular	± 0.06°	Parallel, Flat, Square and True				
All Fin. Surf.		to Each Other within 0.001 T.I.R.			Drawing Number	

