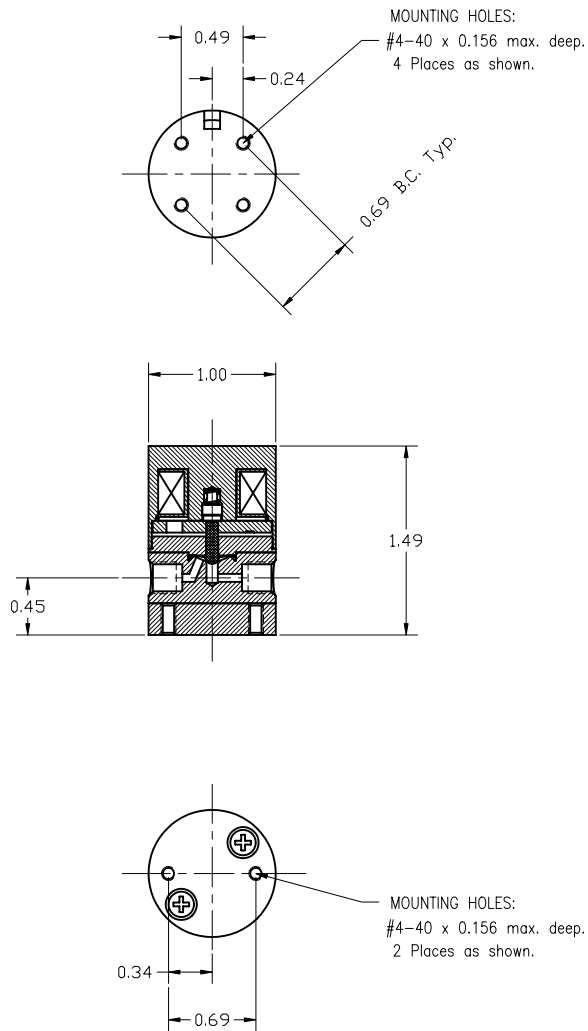


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**SPECIFICATIONS:**

- Mechanical:** (Each Port)
- TYPE: 2w Normally Closed
  - PORT CONNECTION: 1/4-28 Flat Bottom
  - NOMINAL ORIFICE: 0.062 In. (1.5 mm)
  - OPERATING PRESSURE: Vacuum to 100 PSI (6.8 Bars)
  - TEST PRESSURE: 100 PSI  $\frac{1}{2}$  (No leakage)
  - INTERNAL VOLUME: 57 microliters form bottom of ports.
  - WETTED MATERIALS: TEFLON®
  - MOUNTING ORIENTATION: Any Position
- Electrical:** (At 70° C No Pressure)
- OPERATING VOLTAGE: 24 VDC 0.1sec. & Hold at 8 VDC  
24 to 48 volts subject to duty cycle and/or holding voltage applied.
  - POWER CONSUMPTION: 6.2 watts/24VDC (approx.)
  - LEAD WIRES: #26 AWG, TFE Insulated  
Yellow 18 in. (457 mm) 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	1 : 1 (B)	Material	As Noted	
Fractions	± 1/64	Break Sharp Edges	0.003-0.008	Dr. By	A. Sule	Date	11-16-1998	
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 HP225T012 2wNC 24vdc				
Angular	± 0.06°	Parallel, Flat, Square	and True					
All Fin. Surf.		to Each Other within	0.001 T.I.R.					

