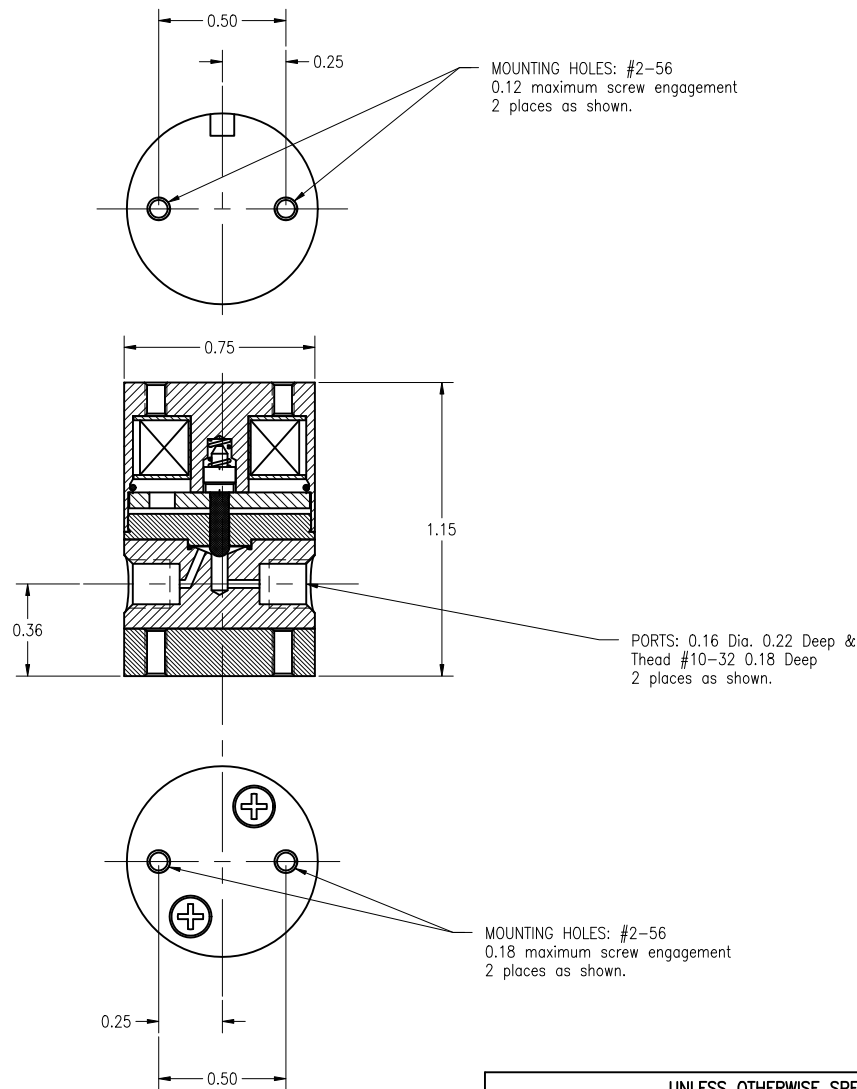


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SPECIFICATIONS:

- Mechanical:** (Each Port)
- TYPE: 2w Normally Closed
 - 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: 19.7 microliters total from port to port.
- 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: 1.15 Watts at 12 VDC (approximately)
 - LEAD WIRES: #26 AWG, TFE Insulated
Yellow 12 Inches (305mm) long.
 - TEST VOLTAGE (ON): < 9 VDC
 - TEST VOLTAGE (OFF): 0.5 to 4 VDC
 - RESPONSE TIME (ON): 20ms Max. at 12 VDC
5 to 20 ms subject to applied voltage and driving circuits.
 - RESPONSE TIME (OFF): 30ms Max. 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	2 : 1 (B)	Material	As noted
Fractions	± 1/64	Break Sharp Edges	0.003–0.008	Dr. By	A. Sule	Date 07-22-1995
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003–0.008	Rev. By	F. Tarnok	Date 07-13-2011
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name .161T011 2wNC 12vdc		
Angular	± 0.06°	Parallel, Flat, Square and True				
All Fin. Surf.		to Each Other within 0.001 T.I.R.		Drawing Number .161V251		

