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SERVICEABLE:

Solenoids are independently removable for cleaning and/or replacement in emergency situations.

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 30 PSI (2 Bars)
- TEST PRESSURE: 30 PSI N₂ (No leakage)
- INTERNAL VOLUME: 41 microliters from valve seat to mixing intersection.
- WETTED MATERIALS: TEFLON®
- MOUNTING ORIENTATION: Any Position

Electrical: (At 70° C No Pressure)

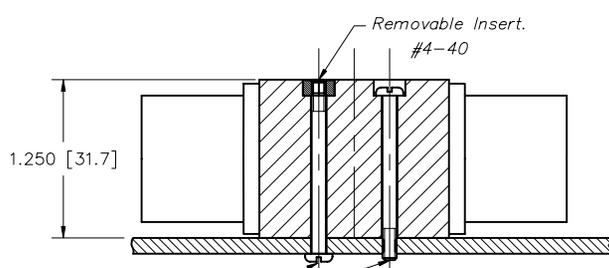
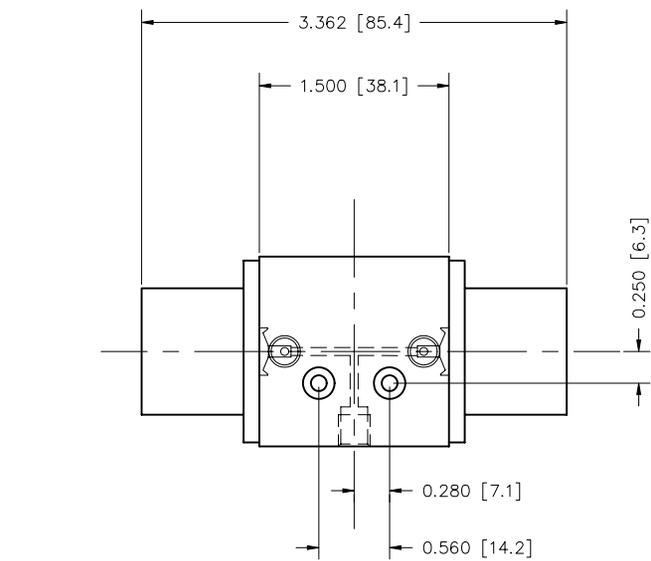
- OPERATING VOLTAGE: 12 VDC (Continuous)
12 to 48 VDC subject to duty cycle and/or holding voltage applied.
- POWER CONSUMPTION: 1.6 Watts/12VDC (Approx.)
- LEAD WIRES: #26 AWG, TFE Insulated Yellow 12 In. (305 mm) Long.
- TEST VOLTAGE (ON): < 9 VDC.
- TEST VOLTAGE (OFF): 0.5 to 4 VDC.
- RESPONSE TIME (ON): 20 ms Max. (12 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
- RESPONSE TIME (OFF): 30 ms Max. (From 12 VDC)
30 to 5 ms adjustable by driving circuits.

NOTE 1.)

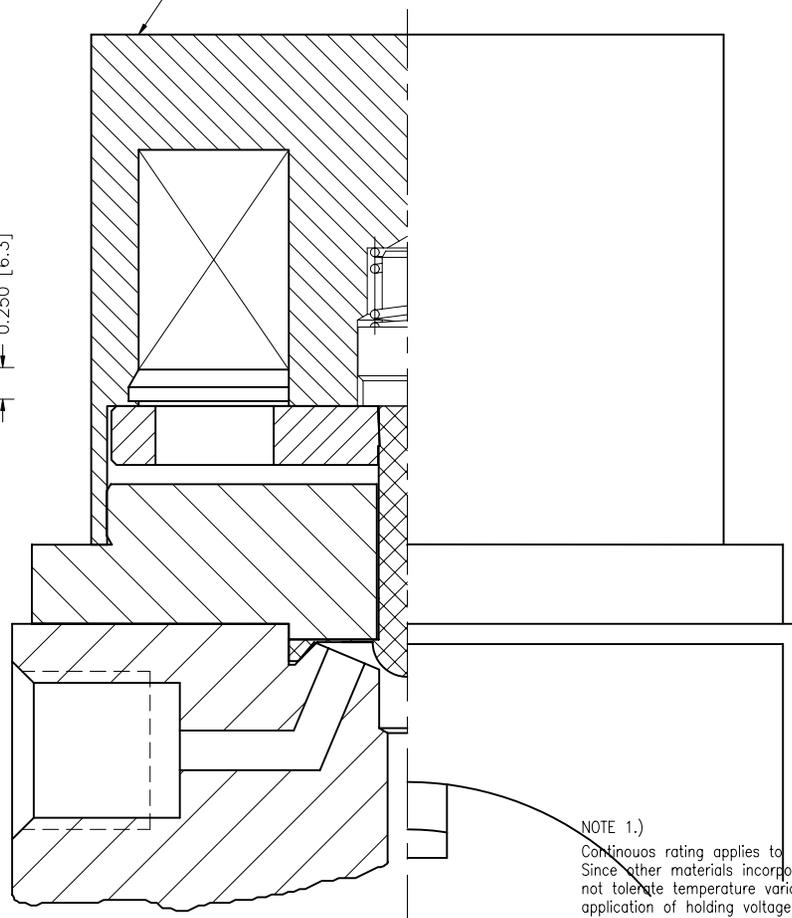
Continuous rating applies to solenoid construction only. Since other materials incorporated in the product may not tolerate temperature variations as well as the solenoid application of holding voltage is strongly recommended.

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.



MOUNTING OPTIONS:
Use with or without Inserts.



UNLESS OTHERWISE SPECIFIED		Scale 1 : 1 (B)	Material
Fractions ± 1/64	Break Sharp Edges 0.003-0.008	Dr. By A. Sule	Date 03-18-2004
2 Pl. Dec. ± 0.005	All Small Fin. Radii 0.003-0.008	Rev. By F. Tarnok	Date 12-12-2008
3 Pl. Dec. ± 0.002	All surfaces shall be Concentric, Parallel, Flat, Square and True to Each Other within 0.001 T.I.R.	Part Name	Drawing Number 225V312
Angular ± 0.06°		Model# 225T051	

