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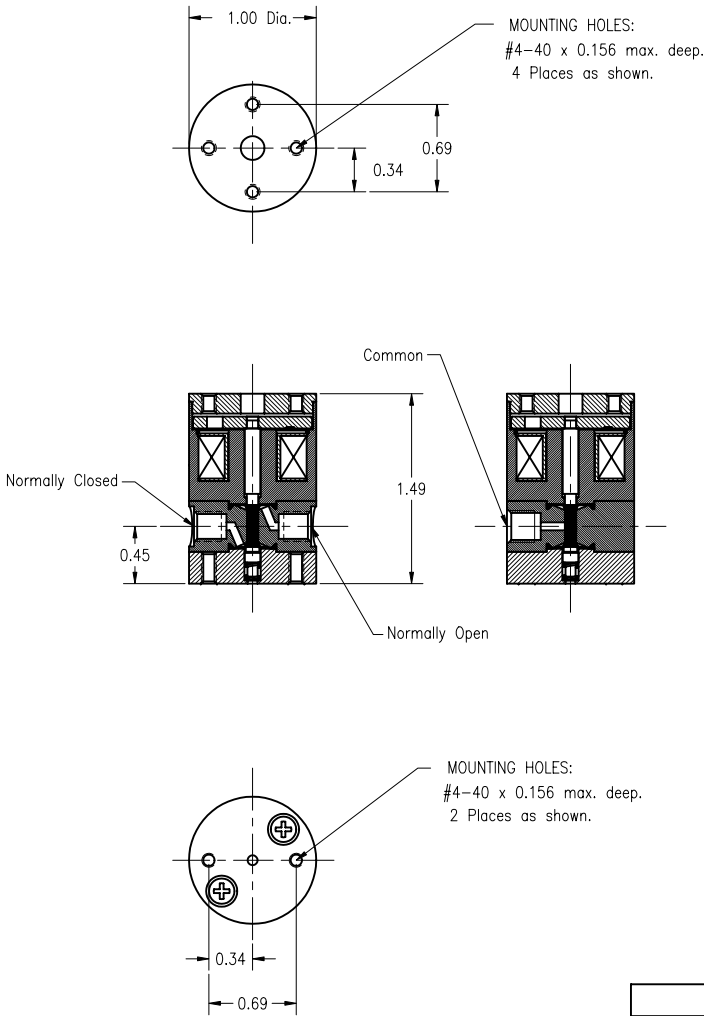
SPECIFICATIONS:

Mechanical: (Each Port)

- TYPE: 3w Diverter
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 (Less than 3µl/Min. Leakage.)
INTERNAL VOLUME: 111 microliters form bottom of ports.
WETTED MATERIALS: TEFLON® Diaphragm, PPS Body
MOUNTING ORIENTATION: Any Position

Electrical: (At 70° F No Pressure)

- OPERATING VOLTAGE: 12 VDC (continuous)
12 to 24 volts subject to duty cycle and/or holding voltage applied.
POWER CONSUMPTION: 1.6 watts at 12VDC (Approximately)
LEAD WIRES: #26 AWG, TFE Insulated
Yellow 18 inches (457 mm) long.
TEST VOLTAGE (ON): < 9 VDC
TEST VOLTAGE (OFF): 0.5 to 4 VDC
RESPONSE TIME (ON): 20ms Max. (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	1 : 1 (B)	Material	As noted
Fractions	± 1/64	Break Sharp Edges	0.003-0.008	Dr. By	A. Sule	Date 07-09-1997
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003-0.008	Rev. By	F. Tarnok	Date 04-29-2009
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name 225PP031 3w 12 Vdc		
Angular	± 0.06°	Parallel, Flat, Square and True				
All Fin. Surf.		To Each Other within 0.001 T.I.R.		Drawing Number 225V357		

