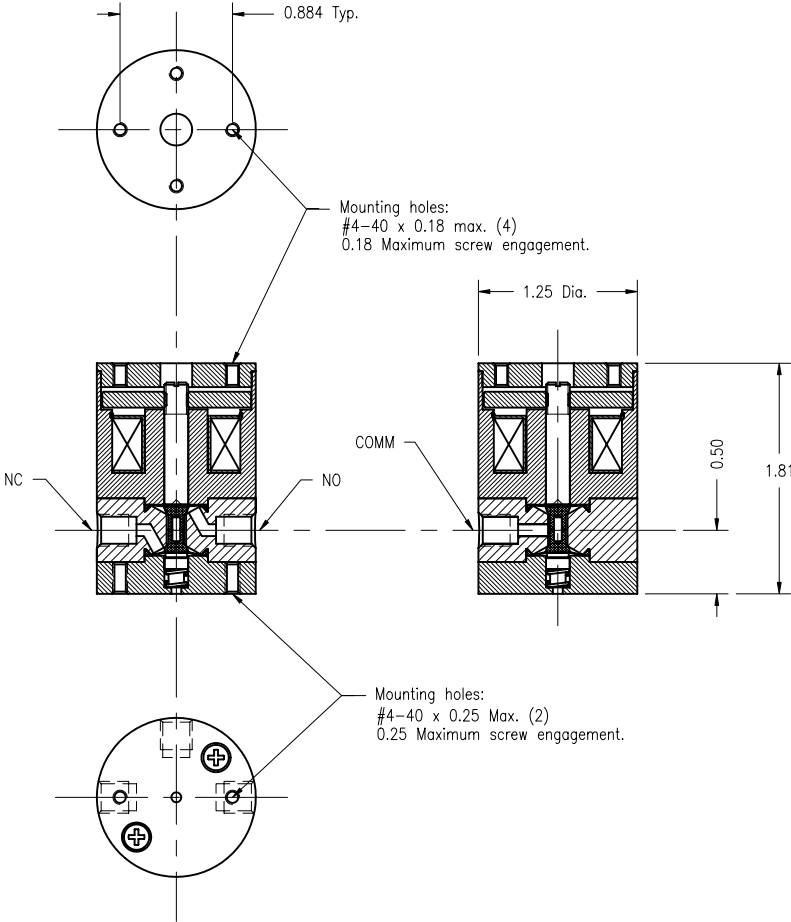


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SPECIFICATIONS:

Mechanical:

TYPE: 3w Diverter  
PORT CONNECTION: 1/4-28 Flat Bottom  
NOMINAL ORIFICE: 0.080 In. ( 2mm )  
OPERATING PRESSURE: Vacum to 30 PSI (2 Bars)  
TEST PRESSURE: 30 PSI N<sub>2</sub> (No leakage)  
INTERNAL VOLUME: Consult factory

WETTED MATERIALS: TEFLON®  
MOUNTING ORIENTATION: Any Position

Electrical: ( At 70° F No Pressure )

OPERATING VOLTAGE: 12 Vdc. ( Continuous ) Note 1.)  
12 to 24 Volts Subject to duty cycle and/or holding voltage applied.


POWER CONSUMPTION: 4.23 Watts at 12 Vdc. ( Approximately )  
LEAD WIRES: #22 AWG, TFE Insulated  
Yellow 18 Inches long ( .450mm )

TEST VOLTAGE (ON): < 9 Volts no pressure applied.  
TEST VOLTAGE (OFF): 0.5 to 4 Volts no pressure applied.  
RESPONSE TIME (ON): < 20 ms at 12 Volts.

5 to 20 ms subject to applied voltage and driving circuits.  
RESPONSE TIME (OFF): < 30 ms from 12 Volts  
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	02-08-1997	
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				
Angular	± 0.06°	Parallel, Flat, Square	and True					
All Fin. Surf.		to Each Other within	0.001 T.I.R.	Drawing Number				
				.Valve 3w 360T031				360V251

