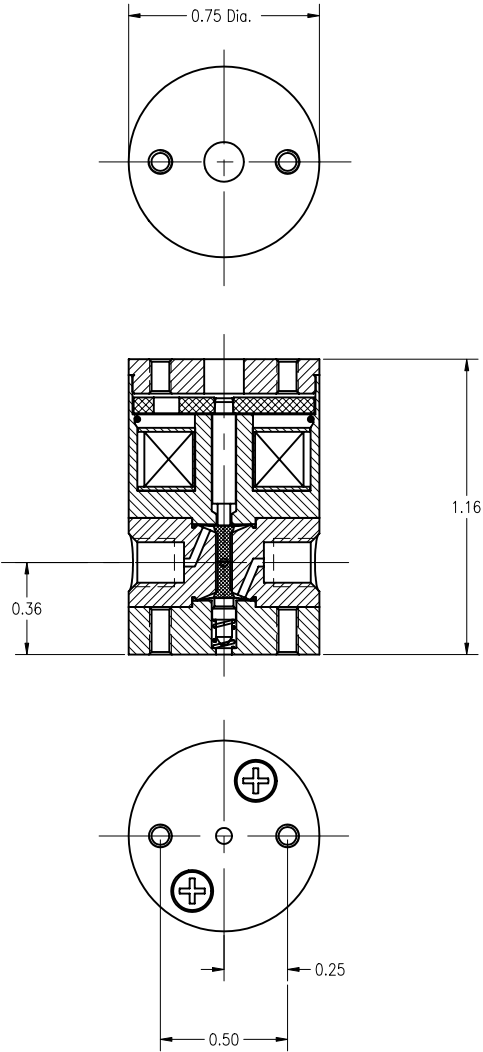


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**SPECIFICATIONS:**

**Mechanical:** (Each Port)

- TYPE: 3w diverter  
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 N<sub>2</sub> (No leakage)  
INTERNAL VOLUME: 27 microliters total from port to port to port.  
WETTED MATERIALS: KEL-F  
MOUNTING ORIENTATION: Any Position

**Electrical:** (At 70° C No Pressure)

- OPERATING VOLTAGE: 12 VDC  
12 to 24 volts subject to duty cycle and / or holding voltage applied.  
POWER CONSUMPTION: 1.15 Watts/12 VDC (approx.)  
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. (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
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		Drawing Number
Angular	± 0.06°	Parallel, Flat, Square and True		.161K031	3w 12vdc	.161V265
All Fin. Surf.		to Each Other within 0.001 T.I.R.				