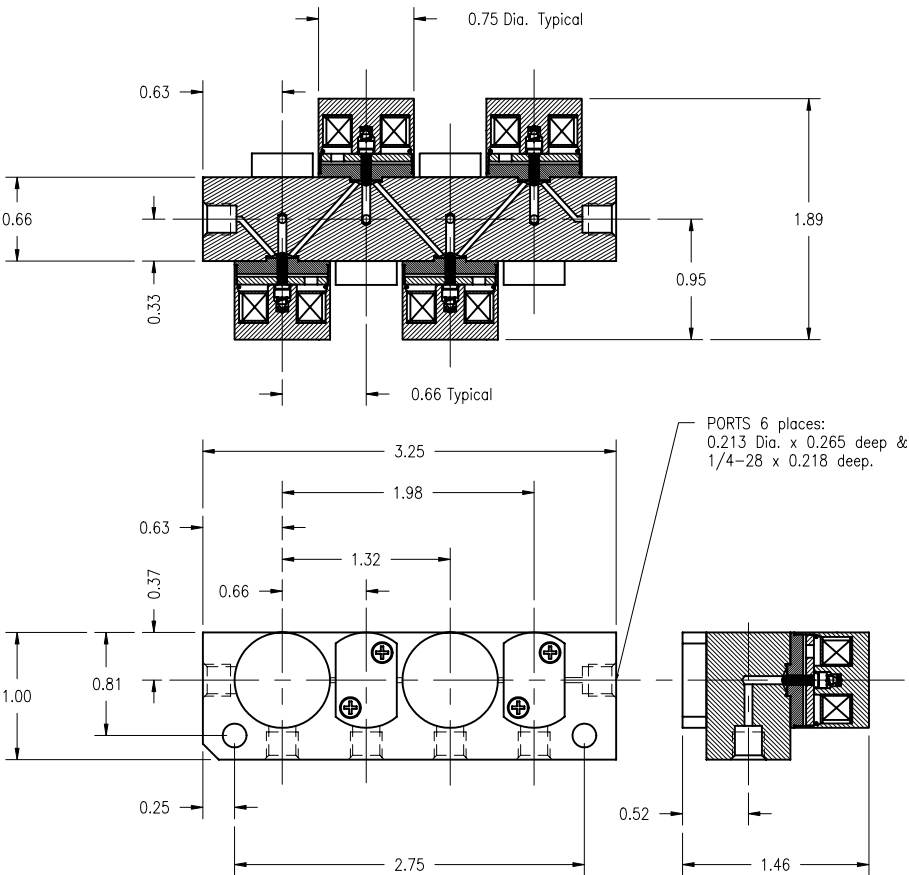


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MOUNTING HOLES 2 places:
0.187 Dia. through or metal inserts to
accommodate crash free mounting using
#4-40 or 3mm screws.

SPECIFICATIONS:

Mechanical: (Each Port)


- TYPE: 2w Normally Closed
PORT CONNECTION: 1/4-28 Flat Bottom
NOMINAL ORIFICE: 0.040 In. (1.0 mm)
OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
TEST PRESSURE: 30 PSI N₂ (No leakage)
INTERNAL VOLUME: 91 microliters (Common passage)
32.5 microliters (each inlet 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 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 18 In. (about 450mm) 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	08–06–1995		
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, Parallel, Flat, Square and True to Each Other within 0.001 T.I.R.			Part Name		Drawing Number			
Angular	± 0.06°				.161T081 4xNC 12vdc		.161V274			
All Fin. Surf.										

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