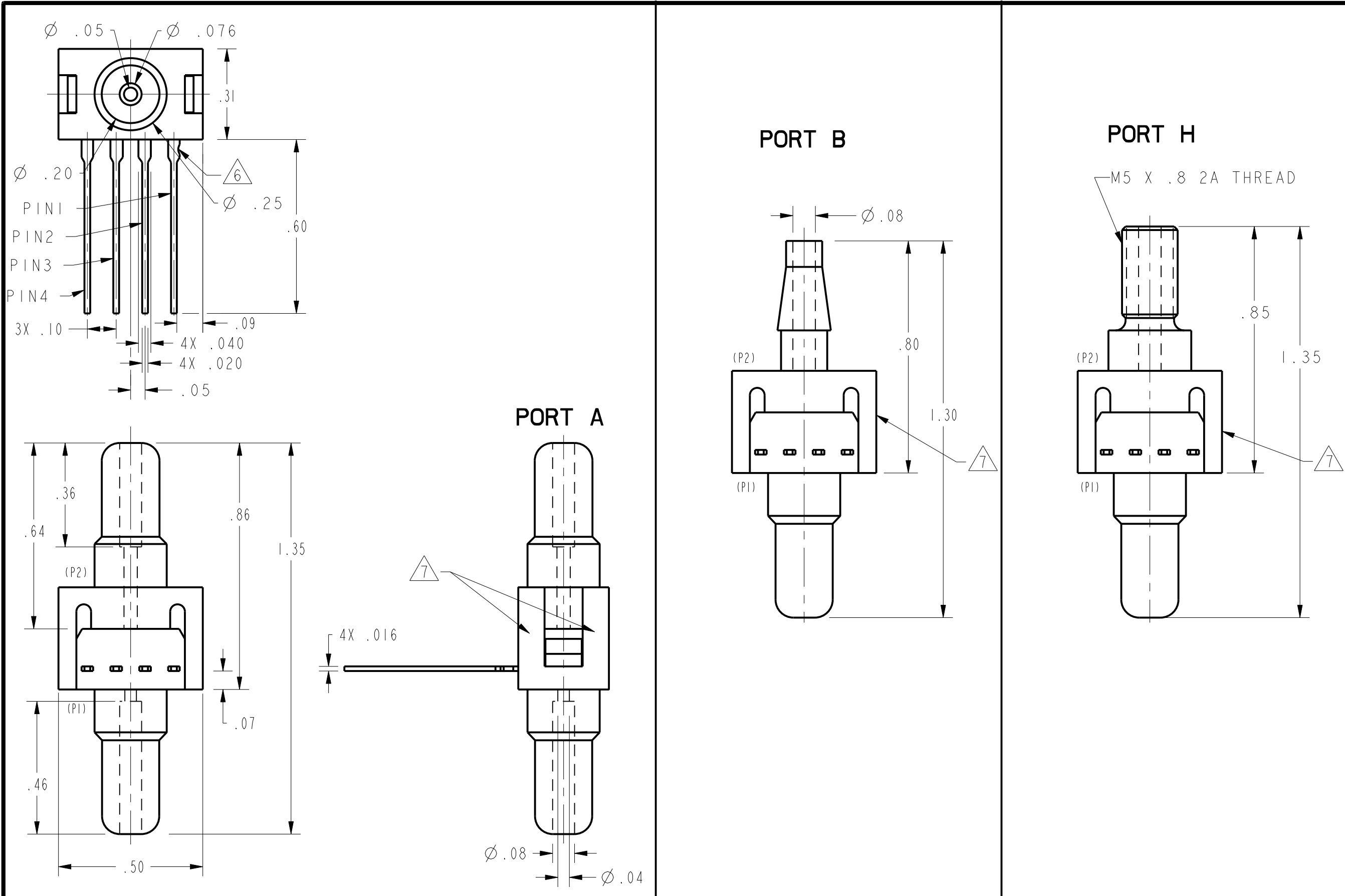




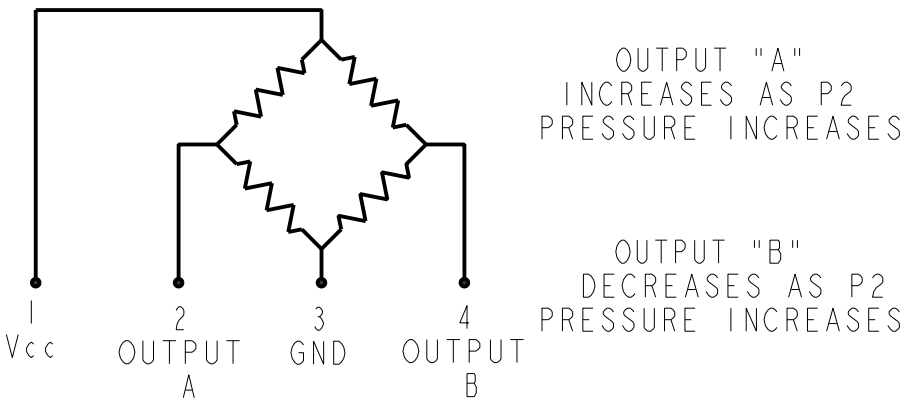
CATALOG LISTING	LASER BRANDS	STYLE
24PCFA6D	4AF6D	(D) DIFFERENTIAL
24PCBFA6D	4BF6D	TERMINATION
24PCCFA6D	4CF6D	(6) 1 X 4 (.60 IN.)
24PCDFA6D	4DF6D	PORT
24PCEFA6D	4EF6D	(A) STRAIGHT
24PCFFB6D	4FF6D	(B) BARB
24PCGFA6D	4GF6D	(H) 5mm THREAD
24PCCFB6D	4CF6D	SEAL
24PCGFB6D	4GF6D	(F) FLUOROSILICONE
24PCGNH6D	4GN6D	(N) NEOPRENE

- NOTES
- SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN END POINTS (OUTPUT AT MINIMUM AND MAXIMUM PRESSURE)
 - TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25° AND EXPRESSES THE DEVIATION THAT COULD OCCUR AS TEMPERATURE IS RAISED OR LOWERED TO LIMITS INDICATED
 - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK HOUSING MATERIAL, SILICON, OR SEAL MATERIAL
 - TERMINALS ARE PLATED FOR SOLDERING
 - LIMIT SOLDERING TO 315° FOR 10 SECONDS MAX
 - PIN 1 IS IDENTIFIED BY NOTCH IN LEAD
 - CATALOG LISTING AND DATE CODE BRANDED HERE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00 ±0.01 VDC EXCITATION, 25°C)					
PARAMETERS	PRESSURE RANGES (PSI)	MIN	TYP	MAX	UNITS
NULL OFFSET	ALL	-30	0	+30	mV
NULL SHIFT Δ 0° TO 25° C OR 25° TO 50° C			±1.0		
SPAN Δ P2 > P1	0 TO .5 D	25	35	45	
	0 TO 1 D	30	45	60	
	0 TO 5 D	85	115	145	
	0 TO 15 D	165	225	285	
	0 TO 30 D	240	330	420	
	0 TO 100 D	156	225	294	
	0 TO 250 D	145	212	280	
SENSITIVITY SHIFT Δ 0° TO 25° C OR 25° TO 50° C P2 > P1 AT 10 VDC AT 2 mA	ALL		±5.0		%SPAN
LINEARITY P2 > P1 (BFSL) P1 > P2	ALL		.2	1.0	
REPEATABILITY & HYSTERESIS	ALL		±.5		
STABILITY OVER 1 YEAR EXCITATION VOLTAGE INPUT RESISTANCE	ALL		±1.5		OHMS
(P1 > P2) (P2 > P1) OVERPRESSURE AT 25° C	0 TO .5 D			20	PSI
	0 TO 1 D			20	
	0 TO 5 D			20	
	0 TO 15 D			45	
	0 TO 30 D			60	
	0 TO 100 D			200	
	0 TO 250 D			500	
TEMPERATURE STORAGE	ALL	-55° TO +100° C (-67° F TO +212° F)			
OPERATE		-40° TO +85° C (-40° F TO +185° F)			

METRIC	INCHES
0.41	.016
0.51	.020
1.02	.040
1.3	.05
1.8	.07
1.93	.076
2.0	.08
2.3	.09
2.5	.10
3.6	.14
5.1	.20
6.4	.25
7.9	.31
8.9	.35
9.1	.36
11.7	.46
12.7	.50
15.2	.60
16.3	.64
20.3	.80
21.8	.86
22.6	.89
33.0	1.30
34.3	1.35
35.6	1.40

CIRCUIT DIAGRAM



THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.			CATALOG LISTING	
MICRO SWITCH a Honeywell Division		BRIDGE PRESSURE SENSOR		24PC SERIES CHART 15
FED. MFG. CODE 91929		ONE PLACE (.0) +.030		
		TWO PLACE (.00) +.015		
		THREE PLACE (.000) +.005		
		ANGLES +		
		WEIGHT 2 OZ.		