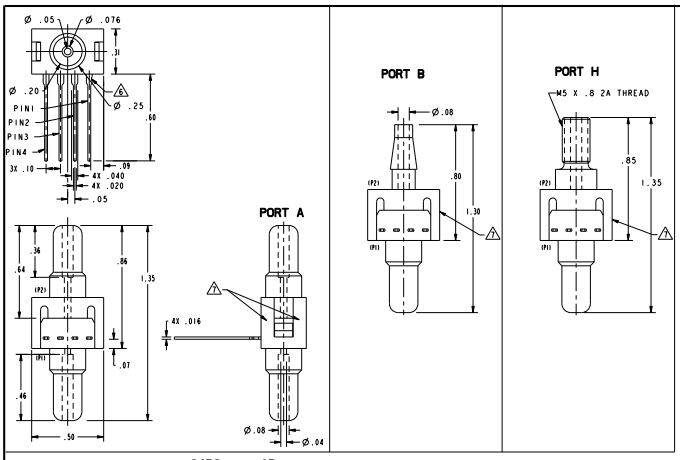


24PC. . . 6D

- STYLE: (D) DIFFERENTIAL
- TERMINATION: (6) 1 X 4 (.60 IN.)
- PORT: (A) STRAIGHT, (B) BARB, (H) 5mm THREAD
- SEAL: (F) FLUOROSILICONE, (N) NEOPRENE
- PRESSURE: (A) 1 PSI, (B) 5 PSI, (C) 15 PSI, (D) 30 PSI, (E) 5 PSI, (F) 100 PSI, (G) 250 PSI

CATALOG LISTING	LASER BRANDS ⚠1
24PCAFA6D	4AF6D
24PCBFA6D	4BF6D
24PCCFA6D	4CF6D
24PCDFA6D	4DF6D
24PCEFA6D	4EF6D
24PCEFB6D	4EF6D
24PCFFA6D	4FF6D
24PCGFA6D	4GF6D
24PCCFB6D	4CF6D
24PCGFB6D	4GF6D
24PCGNH6D	4GN6D

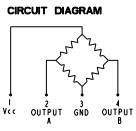
GENERAL OPERATING CHARACTERISTICS
(ELECTRICAL PERFORMANCE AT 10.00 ±0.01 VDC EXCITATION, 25°C)

PARAMETERS	PRESSURE RANGES (PSI)	MIN	TYP	MAX	UNITS
NULL OFFSET	ALL	-30	0	+30	mV
NULL SHIFT ⚠2 0° TO 25°C OR 25° TO 50°C			±1.0		
SPAN ⚠1 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 ⚠2 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			±1.5		
EXCITATION VOLTAGE					
INPUT RESISTANCE			5.0K		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 OPERATE	ALL	-55° TO +100°C (-67°F TO +212°F) -40° TO +85°C (-40°F TO +185°F)			

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

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



THIRD ANGLE PROJECTION
SCALE 3 : 1
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0) ±.030
TWO PLACE (.00) ±.015
THREE PLACE (.000) ±.005
ANGLES ±
WEIGHT 2 OZ.

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FED. MFG. CODE 91929
MICROSWITCH a Honeywell Division

BRIDGE PRESSURE SENSOR

CATALOG LISTING
24PC SERIES CHART 15

ANSI Y14.5M-1982 APPLIES

M 24PC SERIES CHART 15 SHEET 1 OF 1 PR-22876 REVISED 30JUN93 DRAWN JBF 30JUN93 CHECKED AT 30JUN93 PROJECT ENG. APPROVED AT 28JUN93 MFG. ENG. APPROVED 10 ISSUED 30JUN93 PC/CAD

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