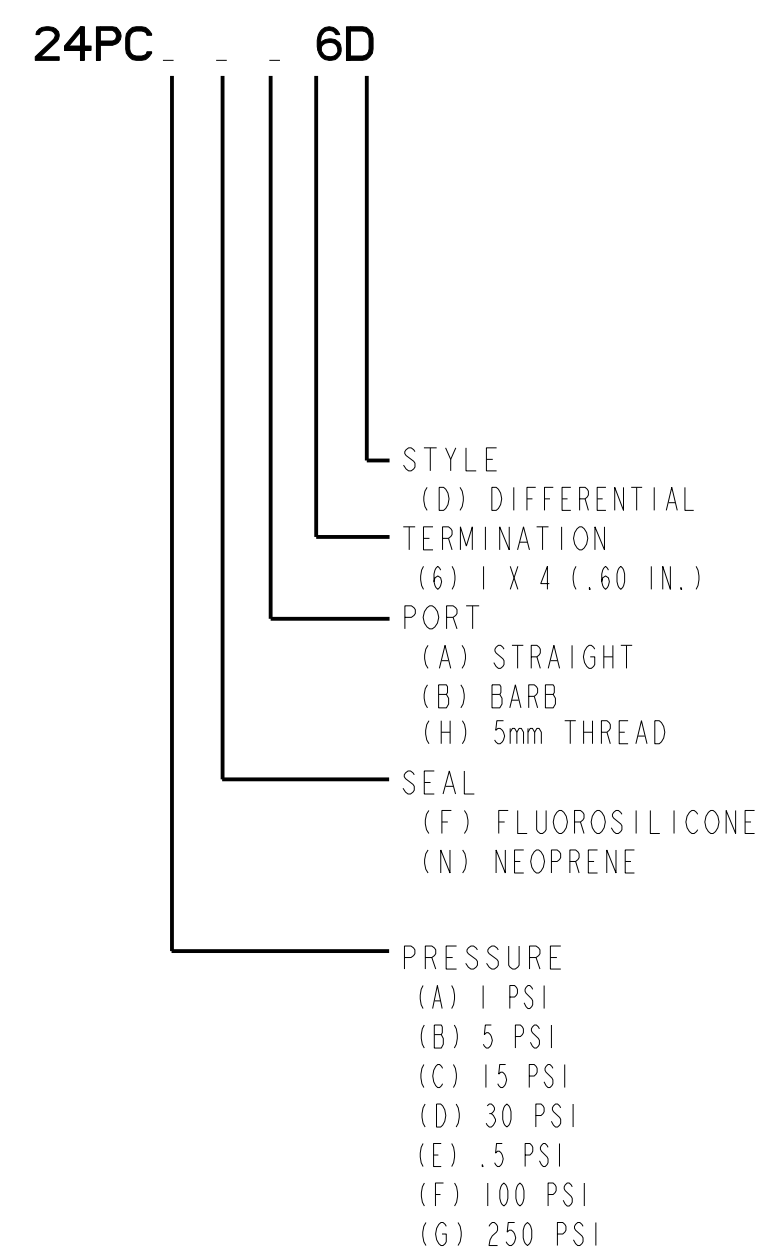


CATALOG LISTING	LASER BRANDS
24PCFA6D	4AF6D
24PCBFA6D	4BF6D
24PCCFA6D	4CF6D
24PCDFA6D	4DF6D
24PCEFA6D	4EF6D
24PCFE6D	4EF6D
24PCFFA6D	4FF6D
24PCGFA6D	4GF6D
24PCCFB6D	4CF6D
24PCGFB6D	4GF6D
24PCGNH6D	4GN6D

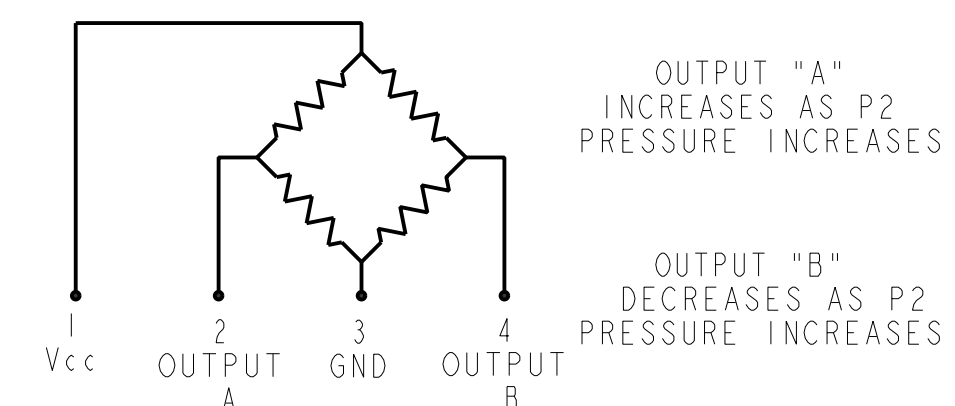


GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00 ± 0.01 VDC EXCITATION, 25°C)					
PARAMETERS	PRESSURE RANGES (PSI)	MIN	TYP	MAX	UNITS
NULL OFFSET	ALL	-30	0	+30	mV
NULL SHIFT ∇	0° TO 25° C OR 25° TO 50° C		±1.0		
SPAN ∇ P2 > P1	0 TO .5 D	25	35	45	
	0 TO 1 D	30	45	60	
	0 TO 5 D	85	115	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 ∇	0° TO 25° C OR 25° TO 50° C	ALL			%SPAN
	P2 > P1 AT 10 VDC AT 2 mA		±5.0		
LINEARITY P2 > P1 (BFSL) P1 > P2	ALL		.2	1.0	
REPEATABILITY & HYSTERESIS	ALL		±.5		
STABILITY OVER 1 YEAR	ALL		±1.5		
EXCITATION VOLTAGE			5.0K		OHMS
INPUT RESISTANCE					PSI
(P1 > P2) (P2 > P1) OVERPRESSURE AT 25° C	0 TO .5 D			20	
	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)			
TEMPERATURE OPERATE	ALL	-40° TO +85° C (-40° F TO +185° F)			

- 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

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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BRIDGE PRESSURE SENSOR
24PC SERIES CHART 15