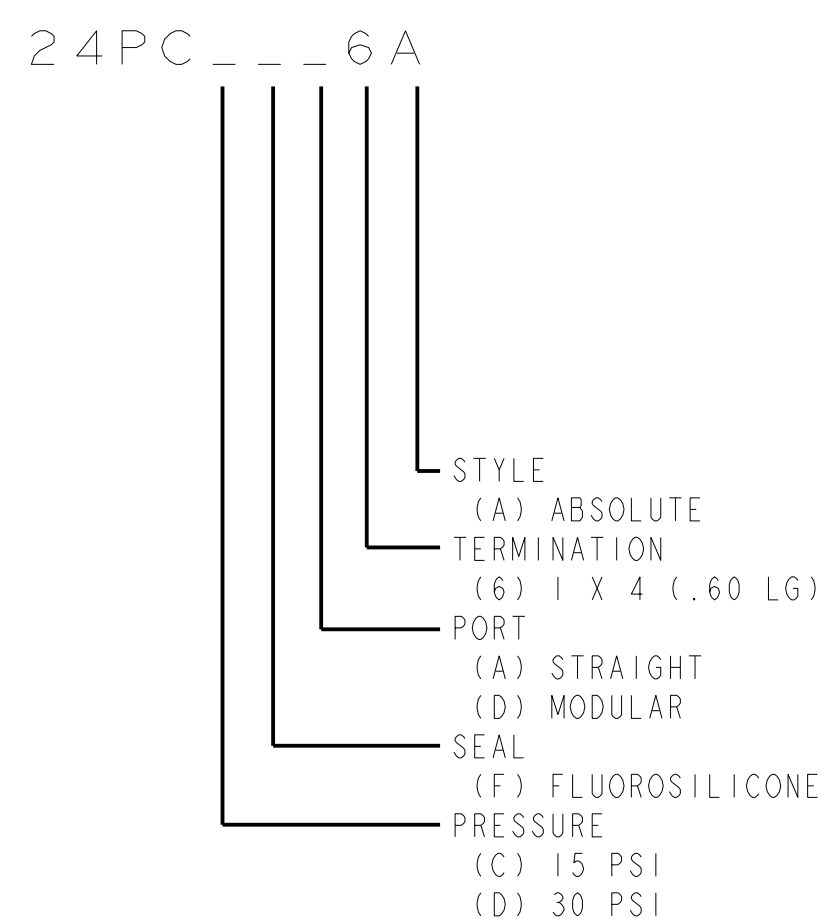


A STRAIGHT PORT



CATALOG LISTING	LASER BRAND	TERMINATION
24PCCFA6A	4CF6A	
24PCDFA6A	4DF6A	
24PCCFD6A	4CF6A	
24PCDFD6A	4DF6A	

GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00 ±0.01 VDC EXCITATION, 25°C)							
OPERATING PRESSURE RANGE (psi)	15 psia			30 psia			UNITS
	MIN	TYP	MAX	MIN	TYP	MAX	
NULL OFFSET (2psia)	-46	-16	14	-61	-16	29	mV
SPAN (P1>P2)	-260	-200	-140	-440	-300	-160	mV
LINEARITY (BFSL, P2>P1)	0.1	0.2		0.15	0.3		%SPAN
NULL SHIFT (0°C TO 25°C, 25°C TO 50°C)	±2	±4		±2	±5.5		mV
SPAN SHIFT (0°C TO 25°C, 25°C TO 50°C) P2 > P1	±5	±6.5		±5	±6.5		%SPAN
REPEATABILITY AND HYSTERESIS	±0.5			±0.5			%SPAN
OVERPRESSURE (P1>P2)			45			60	PSIA

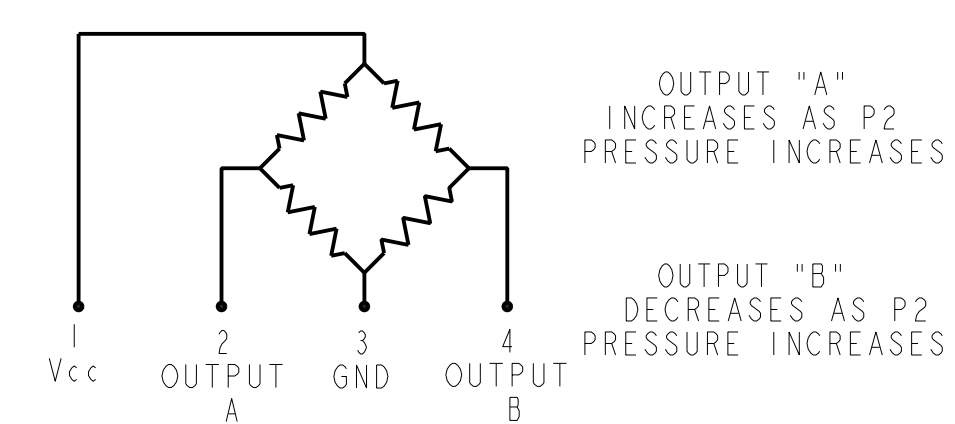
ALL PRESSURE RANGES	MIN	TYP	MAX	UNITS
EXCITATION VOLTAGE		10	12	VDC
INPUT RESISTANCE	4.0K	5.0K	6.0K	OHMS
OUTPUT RESISTANCE	4.0K	5.0K	6.0K	OHMS
RESPONSE TIME			1.0	ms

TEMPERATURE RANGES	MIN	TYP	MAX	UNITS
STORAGE	-55°C		+100°C	(-67°F TO +212°F)
OPERATE	-40°C		+85°C	(-40°F TO +185°F)
COMPENSATED	0°C		+50°C	(+32°F TO +122°F)

- NOTES
- SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT 2 PSIA AND OUTPUT AT MAXIMUM RATED OPERATING PRESSURE
 - MAXIMUM SPECIFICATIONS ARE BASED ON TEST DATA AND/OR DESIGN VERIFICATION
 - TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25 °C AND EXPRESSES THE DEVIATION THAT COULD OCCUR AS TEMPERATURE IS RAISED AND LOWERED TO THE LIMITS INDICATED
 - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, POLYETHERIMIDE OR FLUOROSILICONE
 - TERMINALS ARE PLATED FOR SOLDERING (LIMIT SOLDERING TO 315°C FOR 10 SEC MAX)
 - PIN 1 IS IDENTIFIED BY NOTCH IN LEAD
 - CATALOG AND DATE CODE 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
2.03	.08
2.3	.09
2.5	.10
5.1	.20
7.9	.31
8.9	.35
11.68	.46
12.7	.50
15.2	.60
21.84	.86

CIRCUIT DIAGRAM



ONE PLACE	(.0)	+0.30
TWO PLACE	(.00)	+0.015
THREE PLACE	(.000)	+0.005
ANGLES		+
WEIGHT		2 OZ.

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BRIDGE PRESSURE SENSOR

CATALOG LISTING
24PC SERIES CHART 11