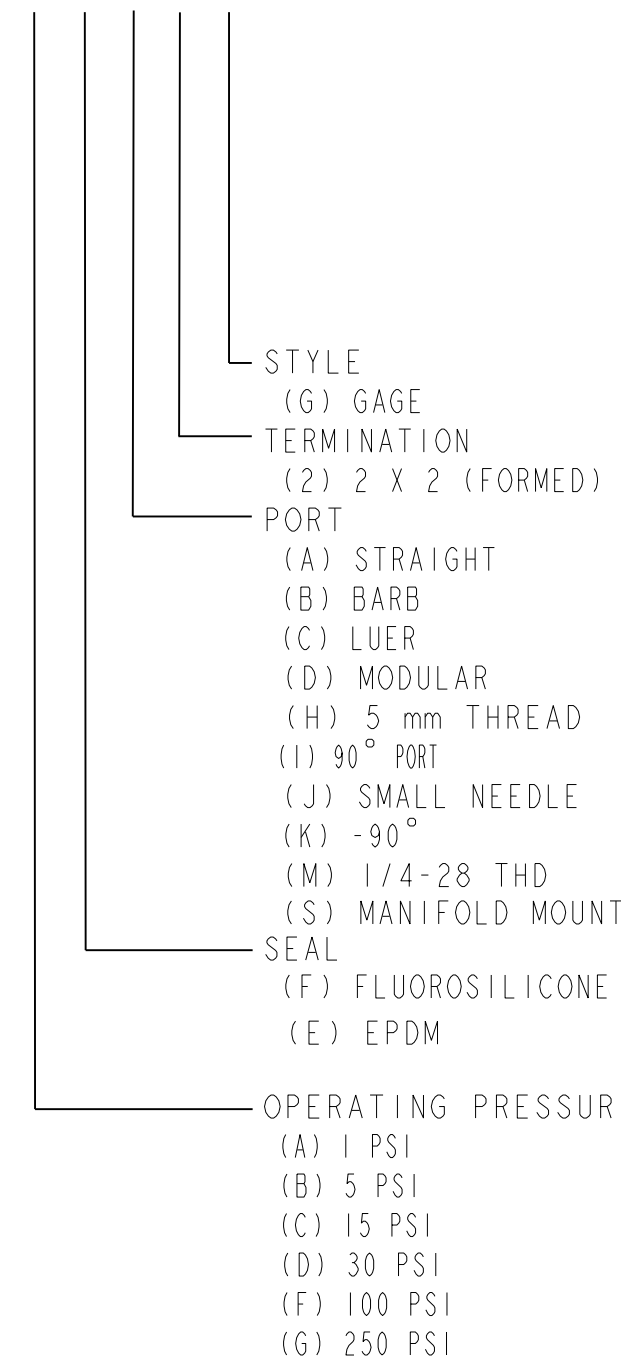


GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00 ± 0.01 VDC EXCITATION, 25°C)																					
OPERATING PRESSURE RANGE (PSIG)	0 - 1 (A)			0 - 5 (B)			0 - 15 (C)			0 - 30 (D)			0 - 100 (F)			0 - 250 (G)					
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX			
SPAN (P2>P1)	14.7	16.7	18.7	47	50	53	97	100	103	97	100	103	mV	95	100	105	143	150	157		
NULL OFFSET	-1.5	0	+1.5	-1.5	0	+1.5	-1.5	0	+1.5	-1.5	0	+1.5	mV	-2.0	0	+2.0	-2.0	0	+2.0		
LINEARITY (BFSL, P2>P1)	0.25 0.5			0.4 0.5			0.25 0.5			0.1 0.2			%SPAN			0.4 0.6			0.5 0.7		
NULL SHIFT (0 TO 25°C, 25 TO 50°C)	±0.5 ±1.0			±0.5 ±1.0			±0.5 ±1.0			±0.75 ±1.5			mV			±1.0 ±2.0			±1.0 ±2.0		
SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1	±1.0 ±2.0			±1.0 ±1.5			±1.0 ±1.5			±0.75 ±1.5			%SPAN			±0.5 ±1.5			±0.5 ±1.5		
REPEATABILITY AND HYSTERESIS	±0.5			±0.2			±0.2			±.2			%SPAN			±0.2			±0.2		
OVERPRESSURE (P2>P1; P1>P2)	20			20			45			60			PSI			200			500		
ALL PRESSURE RANGES	MIN	NOM	MAX	UNITS																	
EXCITATION VOLTAGE	10			16			VDC														
INPUT RESISTANCE	5.5K			7.5K			11.5K			OHMS											
OUTPUT RESISTANCE	1.5K			2.5K			3.0K			OHMS											
RESPONSE TIME	1.0			ms																	
TEMPERATURE RANGES																					
STORAGE	-55°C TO +100°C (-67°F TO +212°F)																				
OPERATE	-40°C TO +85°C (-40°F TO +185°F)																				
COMPENSATED	0 TO +50°C (+32°F TO +122°F)																				
OPERATE	-20°C TO +85°C																				

26PC\_F\_2G

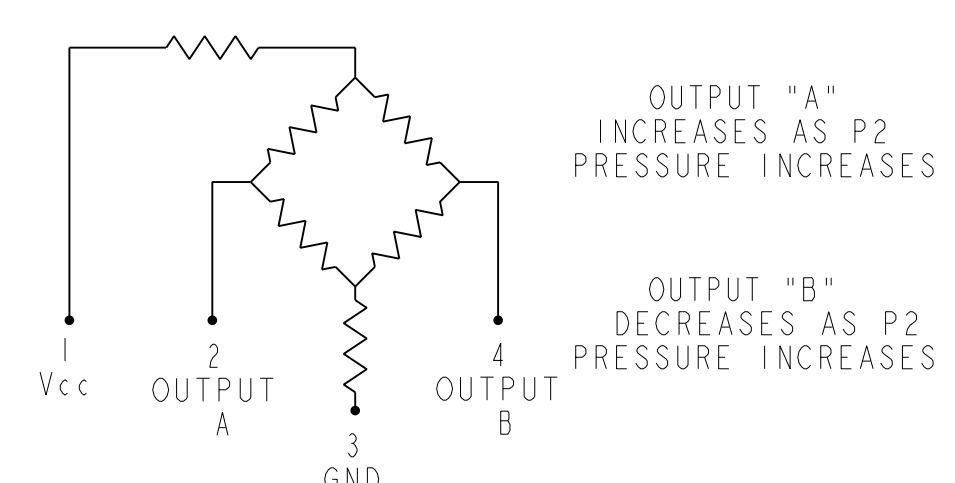


CATALOG LISTING	LASER BRAND/TG
26PCFA2G	6AF2G
26PCDFA2G	6DF2G
26PCDFB2G	6DF2G
26PCBFA2G	6BF2G
26PCCF2G	6CF2G
26PCBFB2G	6BF2G
26PCCFB2G	6CF2G
26PCBFC2G	6BF2G
26PCCFJ2G	6CF2G
26PCCFK2G	6CF2G
26PCAFH2G	6AF2G
26PCAFK2G	6AF2G
26PCAFH2G	6AF2G
26PCAFK2G	6AF2G
26PCFFH2G	6FF2G
26PCBFK2G	6BF2G
26PCFFA2G	6FF2G
26PCFFD2G	6FF2G
26PCGFA2G	6GF2G
26PCAFD2G	6AF2G
26PCGFA2G	6GF2G
26PCAFD2G	6AF2G
26PCED2G	6DE2G
26PCAFB2G	6AF2G
26PCFFB2G	6FF2G
26PCFFM2G	6FF2G
26PCBFD2G	6BF2G
26PCCFD2G	6CF2G
26PCGFJ2G	6GF2G
26PCBFS2G	6BF2G
26PCGFB2G	6GF2G
26PCCFH2G	6CF2G

- NOTES**
- SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MAXIMUM RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI
  - TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C
  - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, THE HOUSING MATERIAL OR SEAL MATERIAL
  - TERMINALS ARE PLATED FOR SOLDERING (LIMIT SOLDERING TO 315°C FOR 10 SECONDS MAXIMUM)
  - PIN 1 IS IDENTIFIED BY NOTCH IN LEAD
  - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE
  - RATIOMETRIC TO SUPPLY VOLTAGE#
  - M5 THREADED PRODUCT:  
RECOMMENDED TORQUE FOR SEALING: 4 IN-LBS  
DO NOT EXCEED 6 IN-LBS OF TORQUE  
SIZE 007 O-RING  
O-RING COUNTERBORE DIMENSIONS:  
Ø.300±.003 X ∇.040
  - 1/4-28 UNF THREADED PRODUCT:  
RECOMMENDED TORQUE FOR SEALING: 8 IN-LBS  
DO NOT EXCEED 12 IN-LBS OF TORQUE  
SIZE 009 O-RING  
O-RING COUNTERBORE DIMENSIONS:  
Ø.360±.003 X ∇.040±.002
  - CATALOG LISTING AND DATE CODE HERE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING
  - FOR CATALOG LISTINGS WITH EPDM SEALS ONLY

METRIC	INCHES
0.38	.015
0.51	.020
0.76	.030
1.02	.040
1.3	.05
1.93	.076
2.0	.08
3.6	.14
5.1	.20
6.4	.25
7.9	.31
8.4	.33
8.9	.35
9.1	.36
9.7	.38
12.7	.50
15.2	.60
16.0	.63
16.3	.64
18.8	.74
20.4	.80
21.6	.85
21.8	.86
22.1	.87
23.9	.94
24.9	.98
26.7	1.05
27.9	1.10
28.2	1.11
30.2	1.19

CIRCUIT DIAGRAM



OUTPUT "A" INCREASES AS P2 PRESSURE INCREASES  
OUTPUT "B" DECREASES AS P2 PRESSURE INCREASES

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FED. MFG. CODE 91929

**MICRO SWITCH**  
a Honeywell Division

**BRIDGE PRESSURE SENSOR**

**26PC SERIES CHART 3**

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.

THIRD ANGLE PROJECTION