

	GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00±0.01 VDC EXCITATION, 25°C)																			
	PRESSURE RANGE (PSI)		0 -			0 - 5			0 - 15			0 - 30			0 - 100			0 - 250		
		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	UNIT
	SPAN (P2>PI) /I	14.7	16.7	18.7	47	50	53	97	100	103	97	100	103	95	100	105	143	150	157	mV
TYLE G) GAGE ERMINATION 6) I X 4 (.60 IN.) DRT A) STRAIGHT B) BARB C) LUER D) MODULAR	NULL OFFSET	-1.5	0	+1.5	-1.5	0	+1.5	-1.5	0	+1.5	-1.5	0	+1.5	-2.0	0	+2.0	-2.0	0	+2.0	mV
			TYP	MAX		TYP	MAX		TYP	MAX		TYP	MAX		TYP	MAX		TYP	MAX	UNIT
	LINERITY (BFSL, P2>PI)		0.25	0.5		0.4	0.5		0.25	0.5		0.1	0.2		0.4	0.6		0.5	0.7	%SPA
	NULL SHIFT (0 TO 25°C, 25 TO 50°C) 2		±0.5	±1.0		±0.5	±1.0		±0.5	±1.0		±0.75	±1.5		±1.0	±2.0		±1.0	±2.0	mV
	SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1 /2		±1.0	±2.0		±1.0	±1.5		士0.75	土1.5		±0.75	±1.5		±0.5	±1.5		士0.5	±1.5	%SPA
	REPEATABILITY AND HYSTERESIS		士0.5			±0.2			±0.2			±0.2			±0.2			±0.2		%SPA
) 5mm THREAD SMALL NEEDLE	OVERPRESSURE (P2>P1; P1>P2)			20			20			45			60			200			500	PSI

ALL PRESSURE RANGES	MIN	NOM	MAX	UNITS
EXCITATION VOLTAGE		10	16	VDC
INPUT RESISTANCE	5.5K	7.5K	11.5K	OHMS
OUTPUT RESISTANCE	I.5K	2.5K	3.0K	OHMS
RESPONSE TIME			1.0	m s

	TEMPERATURE RANGES
STORAGE	-55°C TO +100°C (-67°F TO +212°F)
OPERATE	-40°C TO +85°C (-40F° TO +185°F)
COMPENSATED	0 TO +50°C (+32°F TO +122°F)
OPERATE 10	-20°C TO +85°C

C I F	RCUIT I	DIAGRAN	1		
V c c	OUTPUT A	JAND OUT	PRE	OUTPUT "A" NCREASES AS P2 ESSURE INCREASES OUTPUT "B" DECREASES AS P2 ESSURE INCREASES	

1,3	. 05
1,8	. 07
1,93	. 076
2,0	. 08
2,3	. 09
2,5	. 10
5,1	. 20
6,4	. 25
7,9	. 31
9,1	. 36
12,7	. 50
15,3	. 60
16,3	. 64
20,4	. 80
21,6	. 85
21,8	. 86
22,1	. 87
23,9	. 94

METRIC | INCHES

. 040

0,41

0,51

1,02

THIRD ANGLE PROJECTION **⊕** — □ -DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE (.0) +.030

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ANSI YI4.5M-1982 APPLIES

CATALOG LISTING 26PC SERIES CHART 5 BRIDGE PRESSURE SENSOR

TWO PLACE (.00) +.015 THREE PLACE (.000) +.005 ANGLES

THIS IS FOR CATALOG LISTINGS WITH EPDM SEALS ONLY CATALOG LISTING AND DATE CODE HERE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

FOR IO SECONDS MAXIMUM)

7 - RATIOMETRIC TO SUPPLY VOLTAGE

8 M5 THREADED PRODUCT

SIZE 007 O-RING

5 PIN I IS IDENTIFIED BY NOTCH IN LEAD

DO NOT EXCEED 6 IN-LBS OF TORQUE

O-RING COUNTERBORE DIMENSIONS

26PCBFJ6G 6BF6G 6CF6G 26PCCFB6G 6CE6G 6CF6G 6CF6G 6DF6G 6DF6G 6FE6G 6GF6G 26PCGFA6G 6GF6G 26PCGFM6G 26PCAFM6G 6AF6G 6CF6G 26PCCFM6G 6CE6G 26PCCEA6G 6DF6G 26PCDFJ6G 26PCGNM6G 6GN6G

26PCDFA6G

26PCFFA6G B 26PCAFA6G

26PCBFM6G B 26PCDFM6G

26PCFFM6G

6DF6G

6FF6G

6AF6G

6BF6G

6DF6G

6FF6G

6FF6G

6AF6G

6AF6G

6BF6G

6BF6G 6BF6G

6BF6G

Ø.300±.003 X ▼.040

NOTES

/9\ I/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

— PORT

(E) EPDM

· PRESSURE

(A) I PSI

(B) 5 PSI

(C) 15 PSI

(D) 30 PSI

(F) 100 PSI

I SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MAXIMUM

TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C 3 - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, THE HOUSING MATERIAL OR SEAL MATERIAL 4 - TERMINALS ARE PLATED FOR SOLDERING (LIMIT SOLDERING TO 315°C

RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI

6 - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE

RECOMMENDED TORQUE FOR SEALING: 4 IN-LBS

(G) 250 PSI

(N) NEOPRENE

(F) FLUOROSILICONE

TERMINATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Honeywell:

26PCFEB6G 26PCGNM6G 26PCAFB6G 26PCAFM6G 26PCBFB6G 26PCBFB6G 26PCCFB6G 26PCCFB6G 26PCCFB6G 26PCCFB6G 26PCCFB6G 26PCCFB6G 26PCCFB6G 26PCCBB6G 26PCBB6G 26PCBB6G