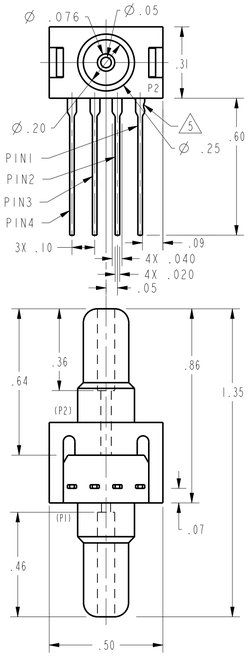
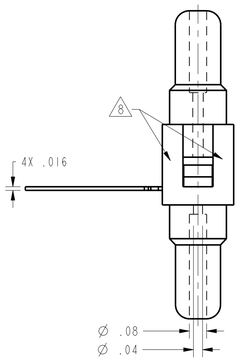
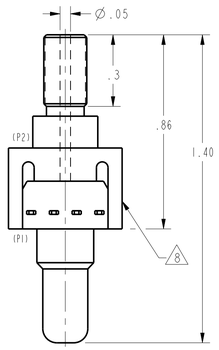


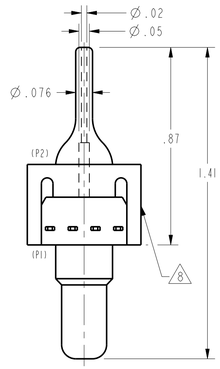
PORT A



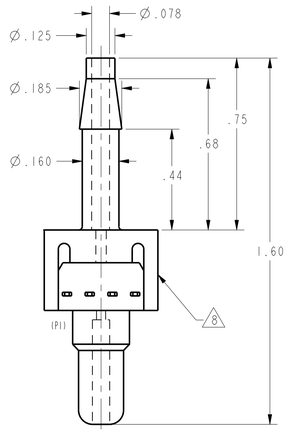
PORT H



PORT J



PORT T



26PC___6D

CATALOG LISTING	LASER BRAND /8
26PCAFA6D	6AF6D
26PCDFA6D	6DF6D
26PCFFA6D	6FF6D
26PCCFJ6D	6CF6D
26PCBFA6D	6BF6D
26PCCFA6D	6CF6D
26PCFNH6D	6FN6D
26PCFFT6D	6FF6D
26PCGFA6D	6GF6D
26PCGNH6D	6GN6D
26PCBVA6D	6BV6D
26PCCVA6D	6CV6D

STYLE
(D) DIFFERENTIAL
TERMINATION
(6) 1 X 4 (.60 IN.)
PORT
(A) STRAIGHT
(H) 5mm THREAD
(J) SMALL NEEDLE
(T) LONG BARBED
SEAL
(F) FLUOROSILICONE
(N) NEOPRENE (70 DURO)
(V) VITON
PRESSURE
(A) 1 PSI
(B) 5 PSI
(C) 15 PSI
(D) 30 PSI
(F) 100 PSI
(G) 250 PSI

METRIC	INCHES
0,41	.016
0,51	.020
1,02	.040
1,3	.05
1,8	.07
1,93	.076
1,98	.078
2,0	.08
2,3	.09
2,5	.10
3,18	.125
4,06	.160
4,70	.185
5,1	.20
6,4	.25
7,9	.31
9,1	.36
11,2	.44
11,7	.46
12,7	.50
15,3	.60
16,5	.64
17,3	.68
19,1	.75
21,8	.86
22,1	.87
34,3	1.35
35,6	1.40
35,8	1.41
40,6	1.60

GENERAL OPERATING CHARACTERISTICS

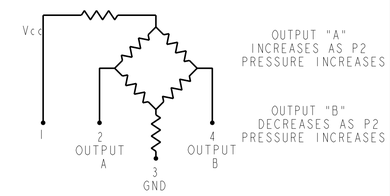
(ELECTRICAL PERFORMANCE AT 10.00 ±0.01 VDC EXCITATION, 25 °C)

PRESSURE RANGE (PSI)	0 - 1			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	UNITS
SPAN (P2>P1) /1	14.7	16.7	18.7	47	50	53	97	100	103	95	100	103	95	100	105	143	150	157	mV
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	UNITS
LINEARITY (BFSL, P2>P1)		0.25	0.5		0.4	0.5		0.25	0.5		0.1	0.2		0.4	0.6		0.5	0.7	%SPAN
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		±0.75	±1.5		±0.75	±1.5		±0.5	±1.5		±0.5	±1.5	%SPAN
REPEATABILITY AND HYSTERESIS		±0.5			±0.2			± 0.2			±0.2			±0.2			±0.20		%SPAN
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	1.5K	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)

CIRCUIT DIAGRAM



NOTES
1. SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MAXIMUM RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI
2. 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 FOR 10 SECONDS MAXIMUM)
5. PIN 1 IS IDENTIFIED BY NOTCH IN LEAD
6. - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE
7. - RATIOMETRIC TO SUPPLY VOLTAGE
8. CATALOG LISTING AND DATE CODE HERE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

ANSI Y14.5M-1982 APPLIES

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BRIDGE PRESSURE SENSOR

CATALOG LISTING
26PC SERIES CHART 4

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

M 26PC SERIES CHART 4 | PAGE 1 OF 1 | RELEASE NO. CO-74532 | REPLACES -
DRAWING NUMBER 22 | ISSUE | CHECK
REVISIONS
A 204006 TSM 4SEP01 | 28JUN05 | AK
B 204718 GLH 4JAN02 | CHECK
C 205524 GLH MAR02 | SAV
D 0001143 CSL 26 AUG 03 | CHECK
E 0013886 CMY 28JUN05 | 11JUN01 | SAV
11JUN01 | CHECK
DRAWN TSM 11JUN01 | PTC/CAD 2D