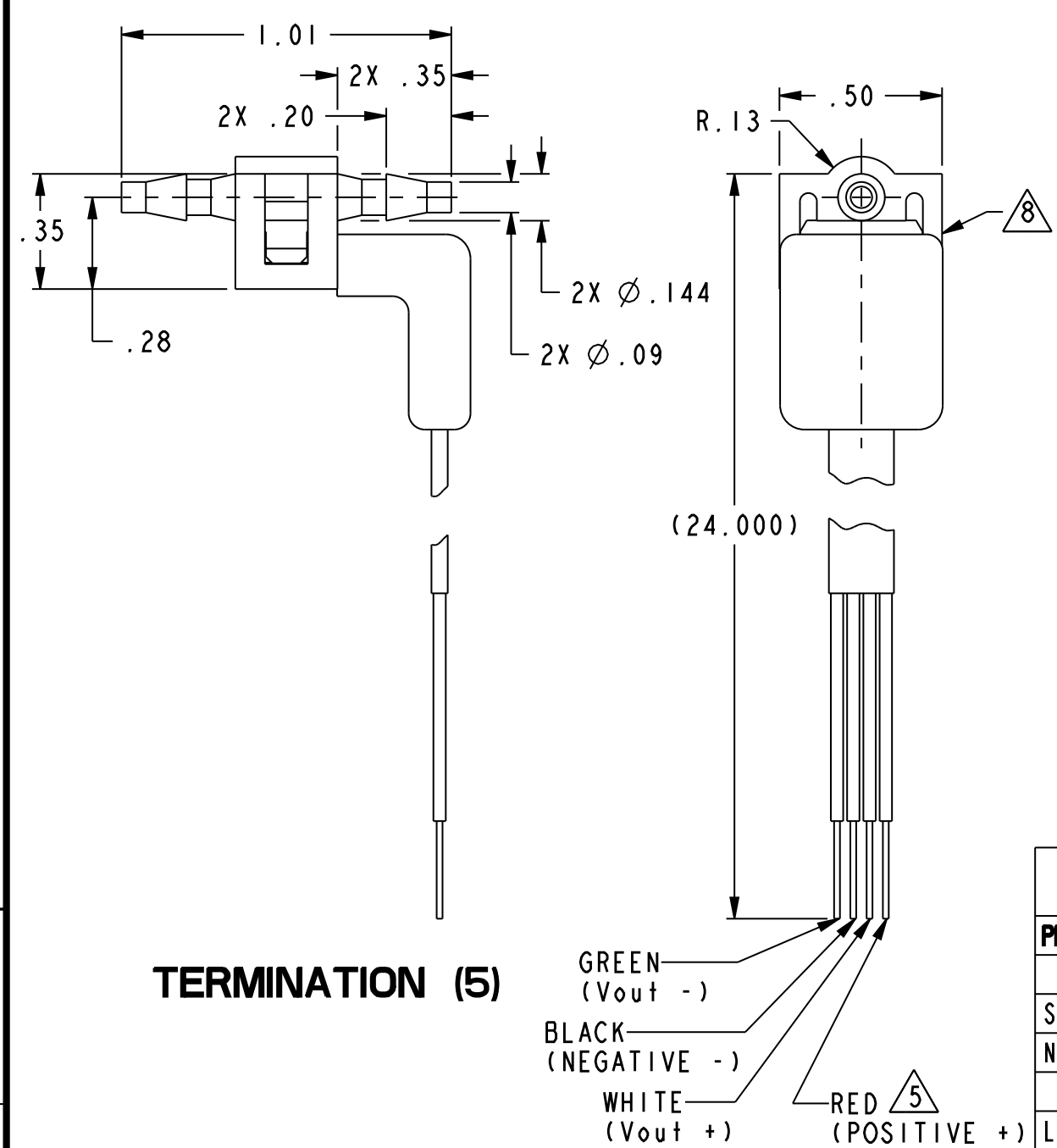
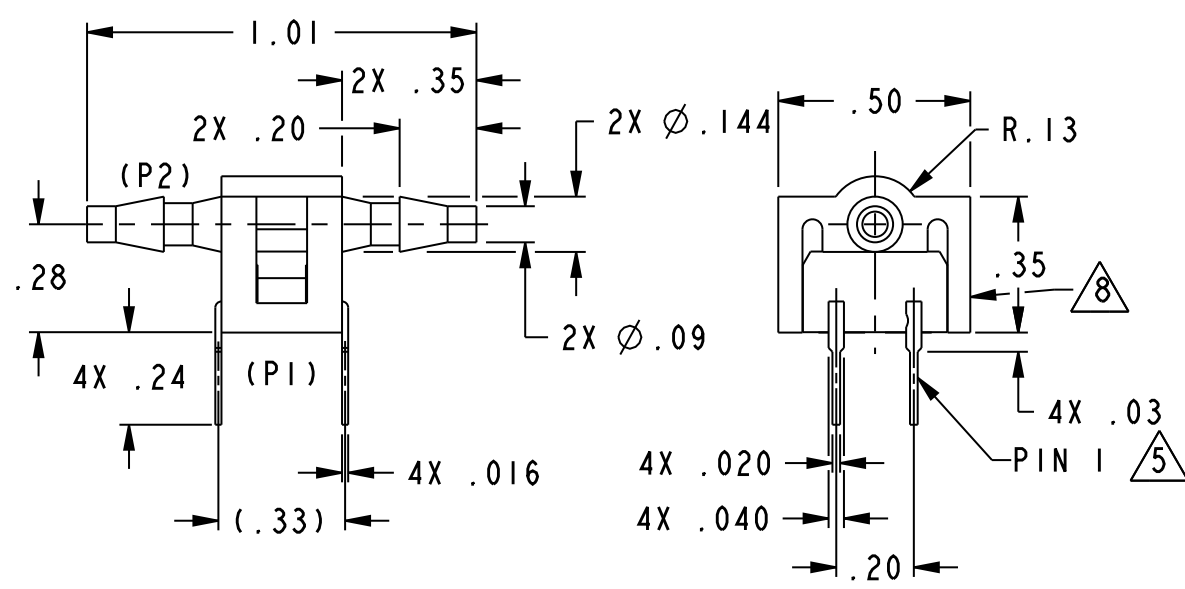


26PC SERIES CHART 11
DRAWING NUMBER
20
ISSUE
1
PAGES
1 OF 1
RELEASE NO. PR-21154
REPLACES
11AUG09
RS
25 FEB 04
CHECK
MDM
10 FEB 95
CHECK
J A F
24 AUG 98
CHECK
PTC/CAD
DRAWN

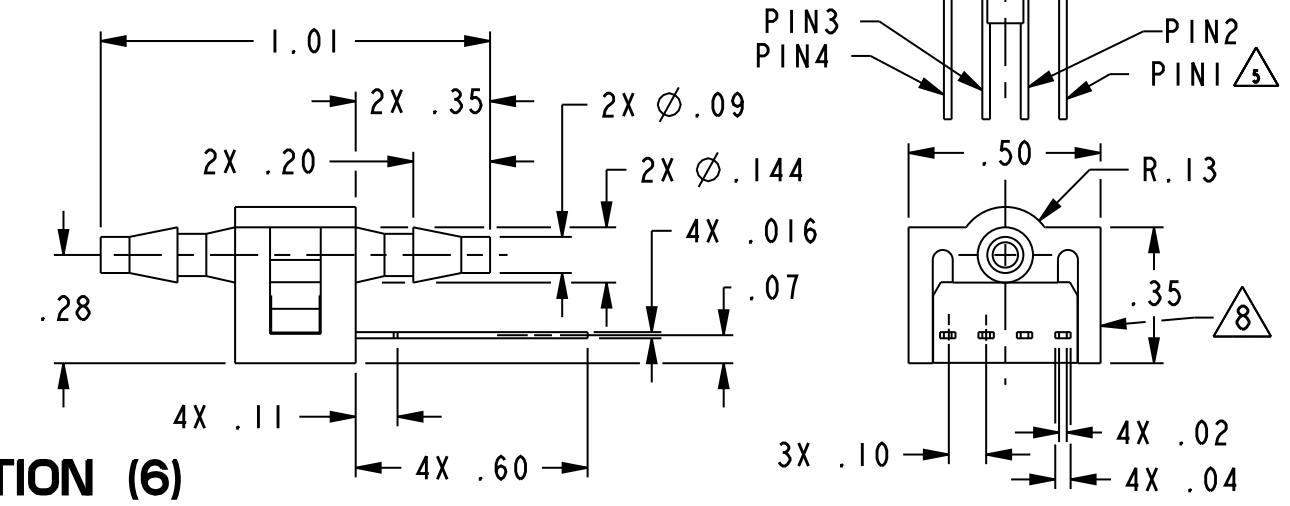
M 26PC SERIES
CHART 11



TERMINATION (5)



TERMINATION (2)



TERMINATION (6)

26PC_FG_G

CATALOG LISTING	BRANDING CODE
26PCCFG5G	6CF5G
26PCCFG6G	6CF6G
26PCDFG2G	6DF2G
26PCDFG5G	6DF5G
26PCAFG6G	6AF6G
26PCDFG6G	6DF6G
26PCFFG6G	6FF6G
26PCBFG2G	6BF2G
26PCCFG2G	6CF2G
26PCFFG2G	6FF2G
26PCFFG5G	6FF5G

STYLE
(G) GAGE
TERMINATION
(2) 2 X 2 (FORMED)
(5) 1 X 4 WITH CONNECTOR
(6) 1 X 4 (.60 IN.)

PORT
(G) SMALL FLOW THROUGH
SEAL
(F) FLUROSILICONE

PRESSURE	METRIC	INCHES
(A) 1 PSI	0,40	.016
(B) 5 PSI	0,51	.020
(C) 15 PSI	0,8	.03
(D) 30 PSI	1,02	.040
(F) 100 PSI	1,8	.07
(K) 38 PSI	2,3	.09
	2,5	.10
	2,8	.11
	3,3	.13
	3,66	.144
	5,1	.20
	6,1	.24
	7,1	.28
	8,4	.33
	8,9	.35
	12,7	.50
	15,2	.60
	25,7	1.01
	609,60	24.000

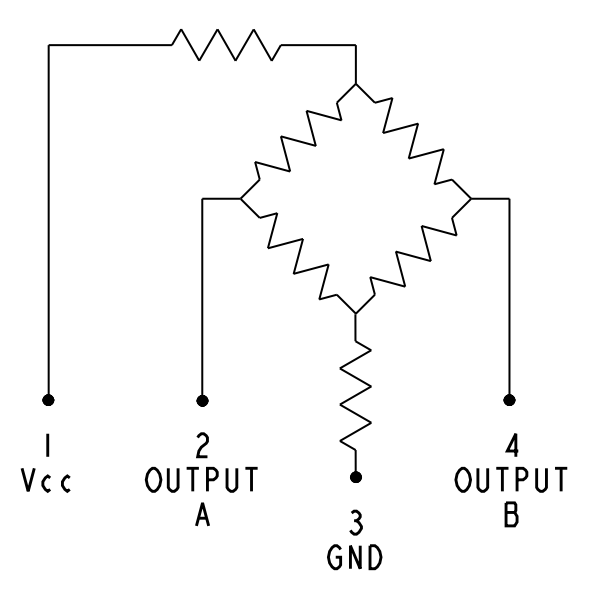
ANSI Y14.5M-1982 APPLIES

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			0-38 (TESTED AT 15 PSI)			0-100				
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	UNITS	
SPAN (P2>P1) $\triangle 1$	14.7	16.7	18.7	47	50	53	97	100	103	97	100	103	37.5	39.5	41.5	95	100	105	mV	
NULL OFFSET	-1.5	0	+1.5	-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	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		0.1	0.5		0.4	0.6	%SPAN	
NULL SHIFT (0 TO 25°C, 25 TO 50°C) $\triangle 2$		±0.5	±1.0		±0.5	±1.0		±0.5	±1.0		±0.75	±1.5		±0.7	±1.5		±1.0	±2.0	mV	
SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1 $\triangle 2$		±1.0	±2.0		±1.0	±1.5		±0.75	±1.5		±0.75	±1.5		±1.0	±1.5		±0.5	±1.5	%SPAN	
REPEATABILITY AND HYSTERESIS		±0.5			±0.2			±0.2			±0.2			±0.2			±0.2		%SPAN	
OVERPRESSURE (P2>P1; P1>P2)			20			20			45			60			60			200	PSI	

ALL PRESSURE RANGE	MIN	TYP	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)			

- NOTES
- 1 SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MINIMUM 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 MAX) (NON-HARNESS PRODUCTS)
 - 5 PIN 1 IS IDENTIFIED BY NOTCH IN LEAD OR RED WIRE. ON 2X2 PRODUCTS, PINS 2,3 AND 4 FOLLOW IN A CLOCKWISE DIRECTION AS VIEWED WITH THE P1 PORT DOWN.
 - 6 - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE
 - 7 - RATIOMETRIC TO SUPPLY VOLTAGE
 - 8 LASER MARK DATE CODE AND CAT. LISTING THIS SIDE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

CIRCUIT DIAGRAM



OUTPUT "A"
INCREASES AS P2
PRESSURE INCREASES

OUTPUT "B"
DECREASES AS P2
PRESSURE INCREASES

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FED. MFG. CODE 91929

BRIDGE PRESSURE SENSOR

CATALOG LISTING
26PC SERIES
CHART 11

THIRD ANGLE PROJECTION		
SCALE 2:1		
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±
WEIGHT		

Mouser Electronics

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