

CATALOG LISTING
136PC15G SERIES CHART 2
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ISSUE 16

REVISIONS
A 206109 30 JUL 02
B 0011992 29MAR05
NM 29MAR05
SAV 30 JUL 02
CHECK 30 JUL 02
DRAWN 2D
PTC/CAD 30 JUL 02

MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

BRIDGE PRESSURE
SENSOR

CATALOG LISTING
136PC15G SERIES CHART 2

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CATALOG LISTING	TERMINAL STYLE
136PC15G1L	1 
136PC15G2L	2 
136PC15G1L23	1 
136PC15G3L23	3 

(B)

GENERAL OPERATING CHARACTERISTICS

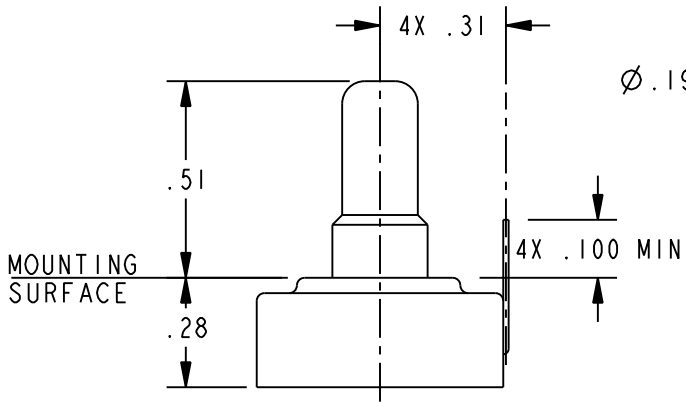
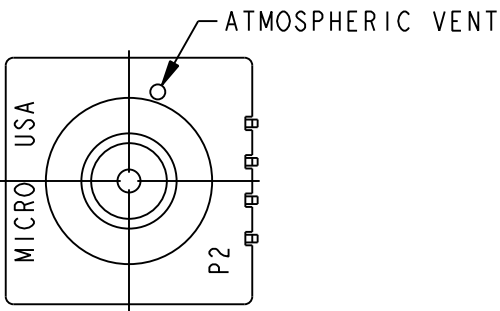
PRESSURE RANGE	0 TO 775 mmHg (0 TO 15 PSIG)
OVERPRESSURE	3103 mmHg (60 PSI)
TEMPERATURE RANGES	
STORAGE	-55°C TO +125°C
OPERATE	-40°C TO +85°C
COMPENSATED	0°C TO +50°C
SUPPLY VOLTAGE	16 VDC MAX
INPUT RESISTANCE	6800 OHM TYP

ELECTRICAL PERFORMANCE AT 10.00±.01 VDC SUPPLY AND +25°C

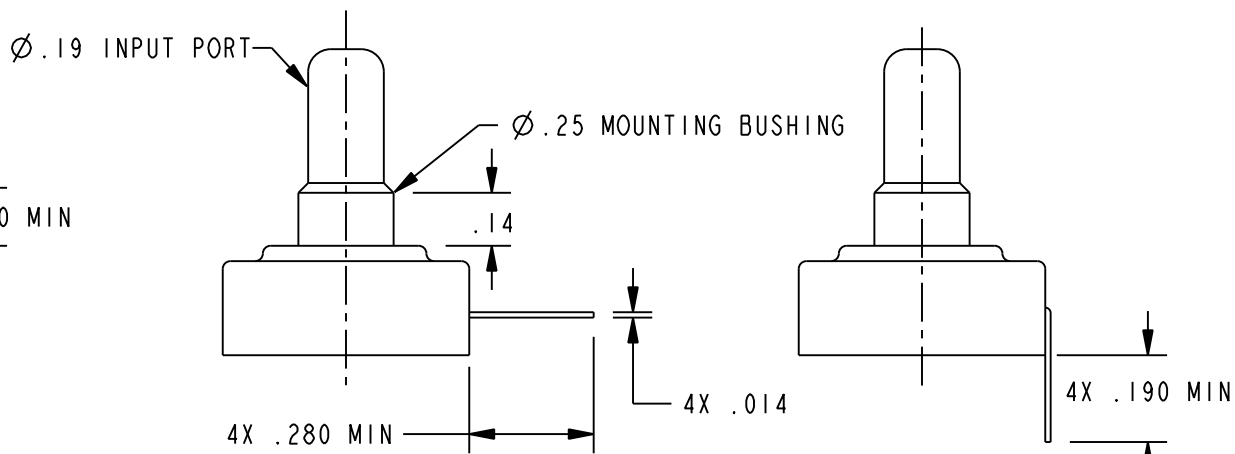
NULL OFFSET	0 ± 1 mV (AT 0 PSI)
F.S.O. 	40 ± 1.5 mV (0 TO 15 PSI)
LINEARITY (BFSL)	
INPUT < VENT	.25% F.S.O. MAX 
INPUT > VENT	.50% F.S.O. MAX 
HYSTERESIS & REPEATABILITY	±.15% F.S.O. TYP 

TEMPERATURE ERROR (25°C TO 0°C OR +25°C TO +50°C)

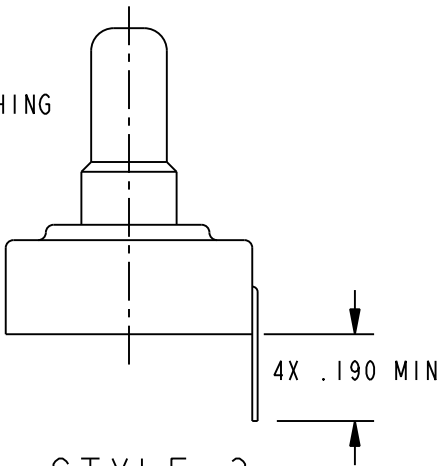
NULL SHIFT	±4 mV MAX
SENSITIVITY SHIFT	±3.0% F.S.O. MAX 



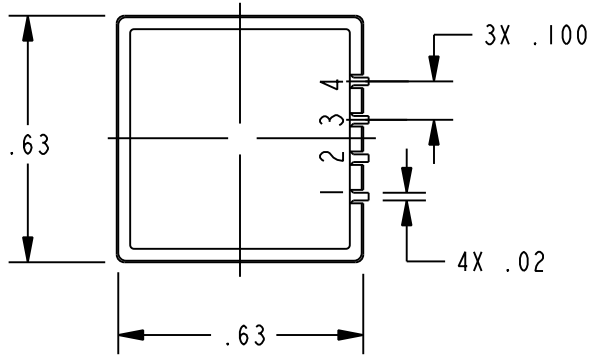
STYLE 1



STYLE 2

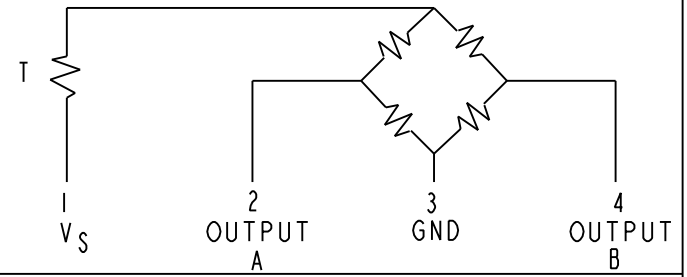


STYLE 3



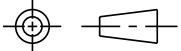
- NOTES
- 1 - TERMINALS ARE PLATED FOR SOLDERING
 - 2 - LIMIT SOLDERING TO 315°C MAX FOR 10 SECONDS MAX
 -  F.S.O. IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT END POINTS (NULL AND FULL PRESSURE)
 -  INPUT MEDIA LIMITED ONLY TO THOSE MEDIA THAT WILL NOT ATTACK POLYESTER, SILICON OR SILICONE BASED ADHESIVE
 -  MATERIAL SELECTED FOR RESISTANCE TO GASOLINE AND GASOLINE VAPORS

CIRCUIT DIAGRAM



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

THIRD ANGLE PROJECTION



SCALE 2 : 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT