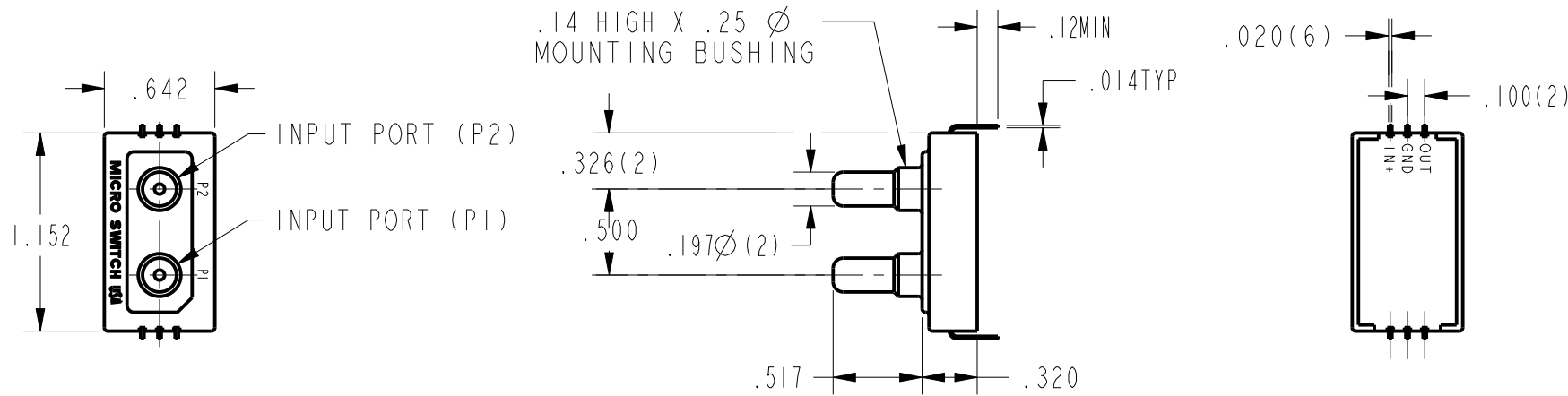
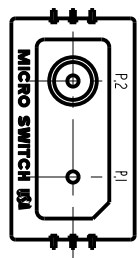
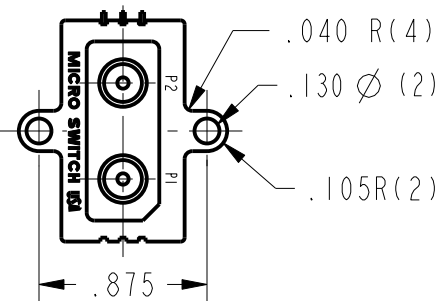




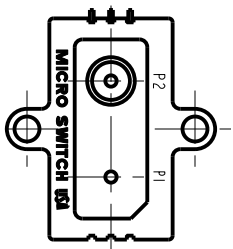
TYPE "A" & "D" (DIFFERENTIAL)
MOUNTING TYPE = "T"



TYPE "G" (GAGE)
MOUNTING TYPE = "T"



TYPE "A" & "D" (DIFFERENTIAL)
MOUNTING TYPE = "H"



TYPE "G" (GAGE)
MOUNTING TYPE = "H"

CATALOG LISTING	TYPE	OPERATING PRESSURE RANGE
<u>D</u>	G	0 TO 15 PSIG
<u>C</u>	G	0 TO 15 PSIG
185PC15AH2	A	0 TO 15 PSIA
185PC15DT	D	0 TO 15 PSID
<u>D</u>	D	0 TO 15 PSID
185PC15AH	A	0 TO 15 PSIA
185PC15AT	A	0 TO 15 PSIA
186PC15DH	D	0 TO 15 PSID
186PC15DT	D	0 TO 15 PSID

MOUNTING TYPE
H = HOUSING
T = TERMINAL

GENERAL OPERATING CHARACTERISTICS	
PRESSURE RANGE	0 TO 775mm Hg (0 TO 15 PSI)
OVERPRESSURE	2327mm Hg (45 PSI)
TEMPERATURE RANGES	STORAGE -55 TO +125° C OPERATE -40 TO +85° C COMPENSATED 0 TO +50° C
SUPPLY VOLTAGE	7 TO 16 VDC
SUPPLY CURRENT	6mA MAX WITH 10K LOAD
OUTPUT VOLTAGE	PROPORTIONAL TO SUPPLY VOLTAGE OVER ABOVE RECOMMENDED RANGE
SHORT CIRCUIT LIMIT	MAY BE SHORTED INDEFINITELY
OUTPUT RIPPLE	NONE
GROUND REFERENCE	SUPPLY AND OUTPUT ARE COMMON

ELECTRICAL PERFORMANCE AT 25° C AND 8.00 ± .01 VDC SUPPLY	
OUTPUT VOLTAGE	
184PC15G NULL (0 PSIG)	1.000±.050 VDC
FULL SCALE (-12.5 PSIG)	5.900 VDC TYP P1 > P2
SPAN	4.167±.050 VDC
185PC15D NULL (0 PSIG)	1.000±.050 VDC
FULL SCALE (15 PSIG)	6.000 VDC TYP P2 > P1
SCAN	5.000±.050 VDC
186PC15D NULL (0 PSIG)	3.500±.050 VDC
FULL SCALE (15 PSIG)	6.000 VDC TYP P2 > P1
OUTPUT @ 15 PSIG	1.000 VDC TYP P1 > P2
SPAN (0 TO 15 PSIG) P2 > P1	2.500±.050 VDC
SENSITIVITY	333.3 mV/PSI TYP
LINEARITY (B.F.S.L.)	1.00% SPAN MAX P1 > P2 2.00% SPAN MAX P2 > P1
HYSTERESIS & REPEATABILITY	.15% SPAN TYP
TEMPERATURE ERROR	
0° C TO 50° C	2.00% SPAN MAX
185PC15A NULL (0 PSIA)	1.000 VDC TYP
REFERENCE (2 PSIA)	1.667±.050 VDC
FULL SCALE (15 PSIA)	6.000 VDC TYP P1 > P2
SPAN (2 TO 15 PSIA)	4.333±.050 VDC
SENSITIVITY	333.3 mV/PSI TYP
LINEARITY (B.F.S.L.)	1.15% SPAN MAX
HYSTERESIS & REPEATABILITY	.17% SPAN TYP
TEMPERATURE ERROR	
0° C TO 50° C	2.31% SPAN MAX

NOTES

- INPUT MEDIA:
P1 - DRY GASES ONLY: CONNECTION SIDE OF SENSOR
P2 - LIMITED ONLY TO THOSE MEDIA THAT WILL NOT ATTACK POLYESTER, SILICON, OR SILICONE BASED ADHESIVE
- TERMINALS ARE PLATED FOR SOLDERING
- LIMIT SOLDERING TO 315° C MAX FOR 10 SECONDS
- UNITS ARE OF PLASTIC CONSTRUCTION
- FOR MOUNTING TYPE "T" DEVICES EXPOSED TO HIGH VIBRATION LEVELS, AS AN ADDED PROTECTION MEASURE, IT IS RECOMMENDED THAT AN ADHESIVE FOAM SECURE THE TRANSDUCER TO THE SUPPORTING STRUCTURE

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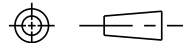
MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

**PRESSURE
TRANSDUCER**

CATALOG LISTING
180PC15 SERIES CHART 1
(8.00VDC SUPPLY EXCITATION)

THIRD ANGLE PROJECTION



SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) ± .030

TWO PLACES (.00) ± .015

THREE PLACES (.000) ± .005

ANGLES ±

WEIGHT 7 GRAMS