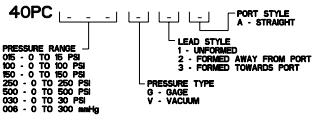
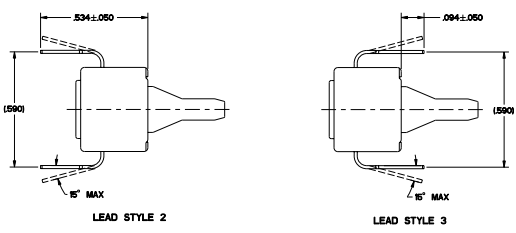


GENERAL CHARACTERISTICS	
PRESSURE RANGE	SEE CHART
OVERPRESSURE	SEE CHART
TEMPERATURE RANGE	SEE CHART
OPERATING TEMPERATURE	-45 TO +85°C
STORAGE TEMPERATURE	-55 TO +125°C
SUPPLY VOLTAGE	5VDC MAX
SUPPLY CURRENT	NO LOAD SPAN ±.25 mA
SHUNT CURRENT LIMIT	100 mA MAX
OUTPUT SOURCE CURRENT	50 mA MAX
OUTPUT SINK CURRENT	50 mA MAX
OUTPUT CAPACITANCE DRIVE CAPABILITY	0.1 μF MAX
OUTPUT RESISTANCE	±.05% SPAN TYP
OUTPUT PERFORMANCE AT 25°C AND 5.00±.01V VDC SUPPLY (UNLESS NOTED)	SEE CHART
NULL & ZERO	SEE CHART
FULL SCALE	±.05% VDC TYP
SPAN	SEE CHART
LINEARITY	SEE CHART
HYSTeresis & REPEATABILITY	±.05% SPAN TYP
TEMPERATURE DRIFT (Δ)	0 TO 45 PSI
NULL DRIFT	±.075% SPAN MAX
SPAN DRIFT	±.075% SPAN MAX
COMBINED NULL AND SPAN DRIFT	±.15% SPAN MAX
ACCURACY OVER PRESS. RANGE (Δ)	±.05% SPAN MAX
ACCURACY OVER TEMP. RANGE (Δ)	±.05% SPAN MAX
TOTAL ACCURACY (Δ)	±.10% SPAN MAX



- NOTES
- TEMPERATURE ERROR IS THE MAXIMUM DEVIATION FROM 25°
  - PERFORMANCE OVER THE ENTIRE TEMPERATURE RANGE SHOWN
  - ACCURACY IS DEFINED AS THE 25C, RSS ERRORS FOR LINEARITY, HYSTERESIS AND REPEATABILITY
  - TOTAL ACCURACY IS THE MAXIMUM DEVIATION FROM THE 25C REFERENCE TRANSFER FUNCTION AT ANY PRESSURE OR TEMPERATURE OVER THE SPECIFIED RANGES
  - OUTPUT CAN BE SHORTED TO THE POSITIVE TERMINAL OR THE GROUND TERMINAL
  - PRODUCT BOX TESTED AT THE -45 TO +85°C RANGE ONLY
  - INPUT MEDIA:
    - P1 - DRY GASES ONLY; MEDIA MUST BE COMPATIBLE WITH EPOXY BASED ADHESIVE
    - P2 - MEDIA MUST BE COMPATIBLE WITH GLASS, SILICON, STAINLESS STEEL, INVAR, Sn/Pb PLATING OR Sn/Ag SOLDER
  - PINS 4, 5 OR 6 ARE INTERNAL DEVICE CONNECTIONS, DO NOT CONNECT TO EXTERNAL CIRCUITRY OR GROUND
  - PRODUCT TESTED AT 250 PSI



CATALOG LISTING	LEAD STYLE	PRESSURE RANGE	OVER-PRESSURE	SENSITIVITY	NULL @ PSRR 10C	SPAN 10C
40PC050A	1	0 TO 5 PSI	45 PSI	266.8 mV/PS TYP	500±.040	4.000±.030
40PC050A	2	0 TO 5 PSI	45 PSI	266.8 mV/PS TYP	500±.040	4.000±.030
40PC050A	3	0 TO 5 PSI	45 PSI	266.8 mV/PS TYP	500±.040	4.000±.030
40PC050B	1	0 TO 100 PSI	200 PSI	40.0 mV/PS TYP	500±.040	4.000±.090
40PC050B	2	0 TO 100 PSI	200 PSI	40.0 mV/PS TYP	500±.040	4.000±.090
40PC050B	3	0 TO 100 PSI	200 PSI	40.0 mV/PS TYP	500±.040	4.000±.090
40PC050C	1	0 TO 500 PSI	300 PSI	26.6 mV/PS TYP	500±.040	4.000±.070
40PC050C	2	0 TO 500 PSI	300 PSI	26.6 mV/PS TYP	500±.040	4.000±.070
40PC050C	3	0 TO 500 PSI	300 PSI	26.6 mV/PS TYP	500±.040	4.000±.070
40PC2500A	1	0 TO 250 PSI	500 PSI	18.0 mV/PS TYP	500±.040	4.000±.070
40PC2500A	2	0 TO 250 PSI	500 PSI	18.0 mV/PS TYP	500±.040	4.000±.070
40PC2500A	3	0 TO 250 PSI	500 PSI	18.0 mV/PS TYP	500±.040	4.000±.070
40PC5000A	1	0 TO 500 PSI	1000 PSI	9.0 mV/PS TYP	500±.040	4.000±.090
40PC5000A	2	0 TO 500 PSI	1000 PSI	9.0 mV/PS TYP	500±.040	4.000±.090
40PC5000A	3	0 TO 500 PSI	1000 PSI	9.0 mV/PS TYP	500±.040	4.000±.090
40PC050V	1	0 TO -5 PSI	30 PSI	266.8 mV/PS TYP	500±.040	4.0±.1
40PC050V2	2	0 TO -5 PSI	30 PSI	266.8 mV/PS TYP	500±.040	4.0±.1
40PC050V3	3	0 TO -5 PSI	30 PSI	266.8 mV/PS TYP	500±.040	4.0±.1
40PC050V4	1	0 TO 30 PSI	60 PSI	133.3 mV/PS TYP	500±.040	4.000±.090
40PC050V5	2	0 TO 30 PSI	60 PSI	133.3 mV/PS TYP	500±.040	4.000±.090
40PC050V6	3	0 TO 30 PSI	60 PSI	133.3 mV/PS TYP	500±.040	4.000±.090
40PC050V7	1	0 TO 300 mbar	650 mbar	13.3 mV/mbar	500±.050	4.000±.050
40PC050V8	2	0 TO 300 mbar	650 mbar	13.3 mV/mbar	500±.050	4.000±.050
40PC050V9	3	0 TO 300 mbar	650 mbar	13.3 mV/mbar	500±.050	4.000±.050



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ANSI Y14.5M-1982 APPLICABLE

MICRO SWITCH Honeywell Division PRESSURE SENSOR M40PC SERIES CHART