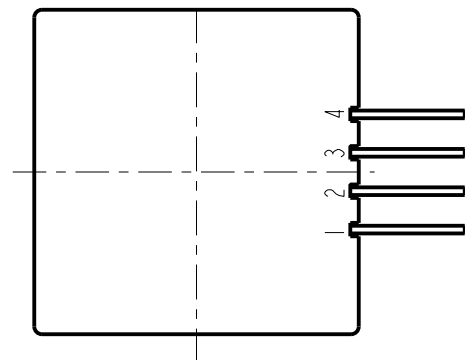
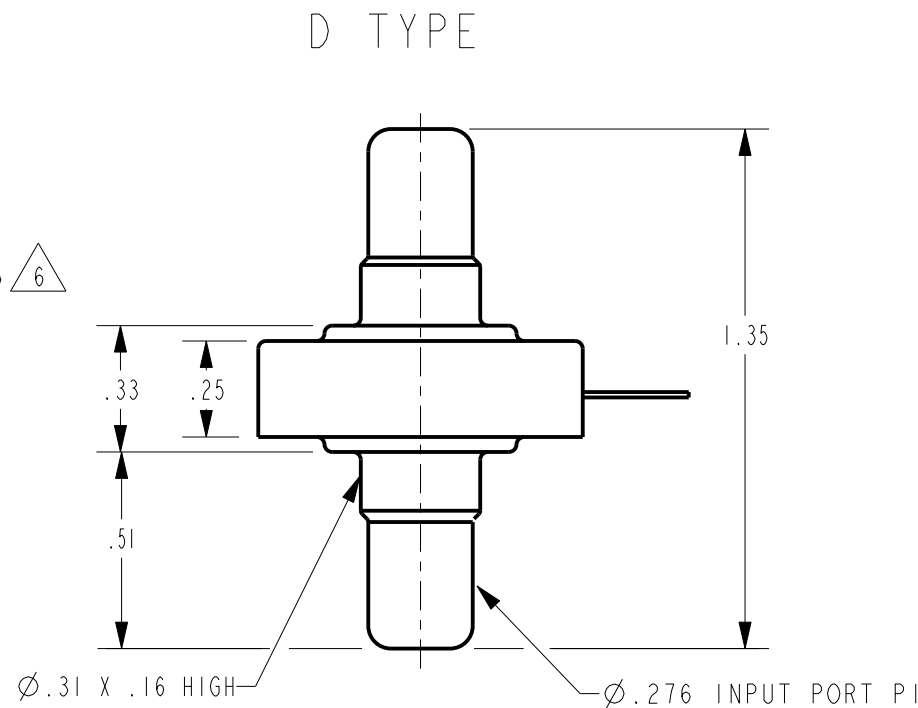
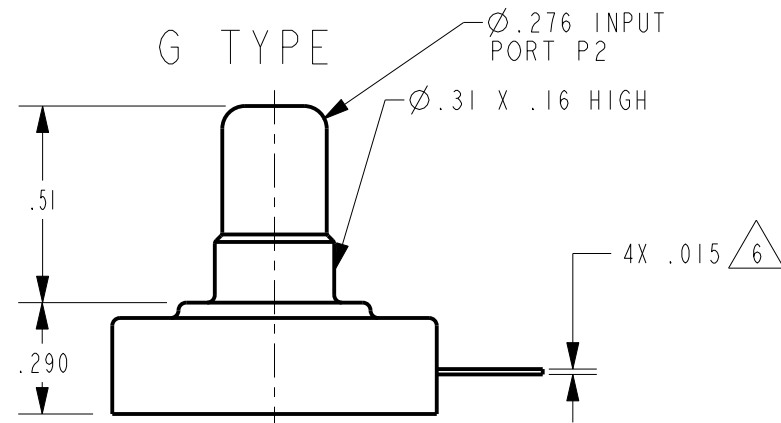
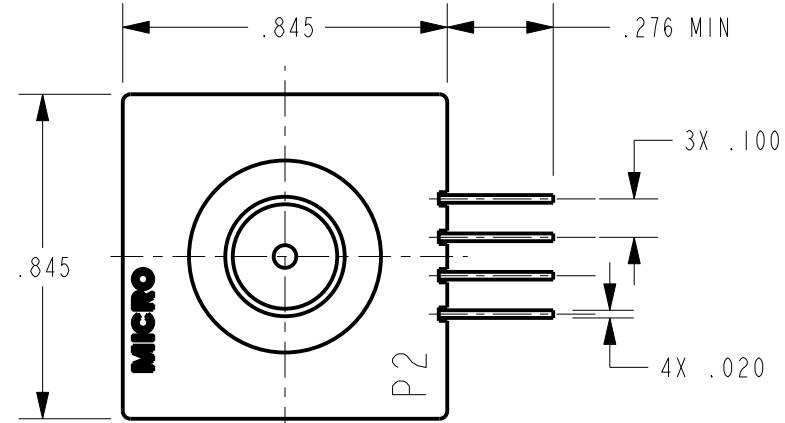


CATALOG LISTING

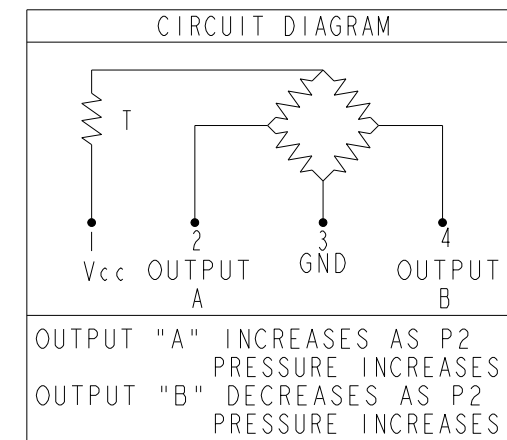
176PC07HD2
176PC14HG2
176PC14HD2
176PC28HG2
176PC28HD2

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

PARAMETERS	PRESSURE RANGES (H ₂ O)	MIN	TYP	MAX	UNITS
NULL OFFSET	ALL	-2	0	+2	mV
NULL SHIFT $\triangle 2$ 0° ← 25° C → 50°			±3.0		
(P ₂ > P ₁) SPAN $\triangle 1$	0 TO 28 D&G	40	42	44	mV
	0 TO 14 D&G	33	35	37	
	0 TO 07 D&G	26	28	30	
(P ₂ > P ₁) SENSITIVITY PER IN. H ₂ O	0 TO 28 D&G		1.5		%SPAN
	0 TO 14 D&G		2.5		
	0 TO 07 D&G		4.0		
SPAN SHIFT $\triangle 2$ 0° ← 25° C → 50° AT 10 VDC AT 2mA	ALL			±3.5	%SPAN
			NONE		
(P ₂ > P ₁) LINEARITY (BFSL)	0 TO 28 D&G			±3.0	%SPAN
(P ₁ > P ₂)	0 TO 28 D			±1.5	
(P ₂ > P ₁)	0 TO 14 D&G			±3.0	
(P ₁ > P ₂)	0 TO 14 D			±1.5	
(P ₂ > P ₁)	0 TO 07 D&G			±3.0	
(P ₁ > P ₂)	0 TO 07 D			±1.5	
REPEATABILITY & HYSTERESIS	ALL			±0.25	%SPAN
STABILITY OVER 1 YEAR				±1.5	%SPAN
EXCITATION VOLTAGE			10	16	VDC
INPUT RESISTANCE			6.3K		OHMS
(P ₂ > P ₁) (P ₁ > P ₂) OVERPRESSURE	0 TO 28 D&G			140	IN. H ₂ O
	0 TO 14 D&G			140	
	0 TO 07 D&G			140	
TEMPERATURE STORAGE OPERATE COMPENSATED	ALL	-55° TO +125°C (-67° TO +257°F) -40° TO +85°C (-40° TO +185°F) 0°C TO +50°C (+32° TO +122°F)			



- NOTES
- SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN END POINTS (OUTPUT AT MINIMUM AND MAXIMUM PRESSURE)
 - TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C AND EXPRESSES THE DEVIATION THAT COULD OCCUR AS TEMPERATURE IS RAISED OR LOWERED TO LIMITS INDICATED
 - 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 FOR 10 SECONDS MAX
 - LISTINGS ENDING WITH THE NUMBER 2 INDICATES STRAIGHT LEADS



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 2 OZ