

REV	DOCUMENT	CHANGED BY	CHECK
3	205101	KED 19MAR01	SAV
4	0006705	NSD 6AUG04	AK

SERIES

DESIGNATES PRESSURE

L - LOW PRESSURE (IN H₂O)
- NO DESIGNATION (PSI)

PRESSURE RANGE

04, 10 IN H_2O

0.3, 01, 05, 15, 30,
60, 100, 150 PSI

- ACCURACY GRADE

C - COMMERCIAL GRADE
- NO DESIGNATION
COMMERCIAL GRADE

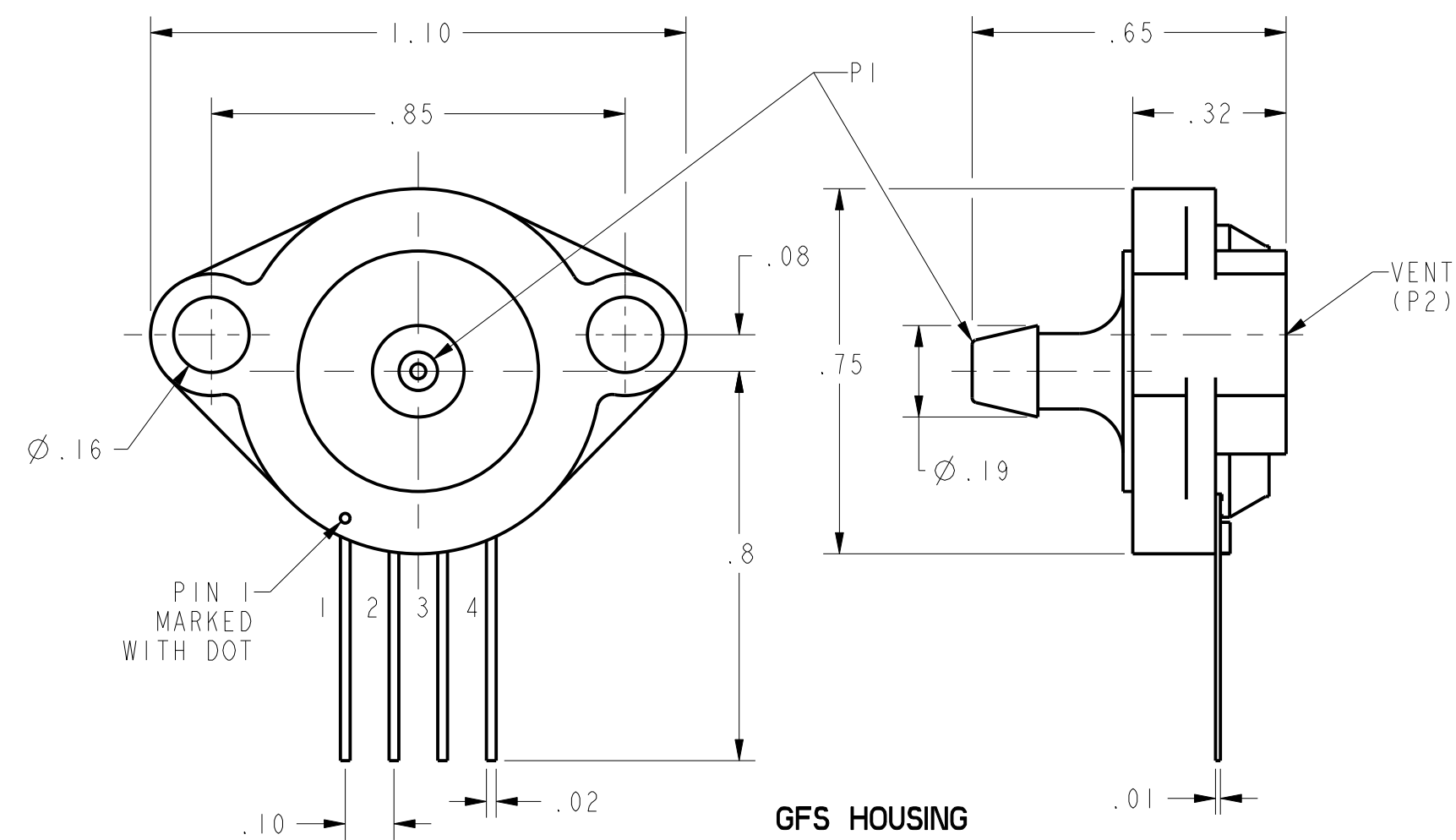
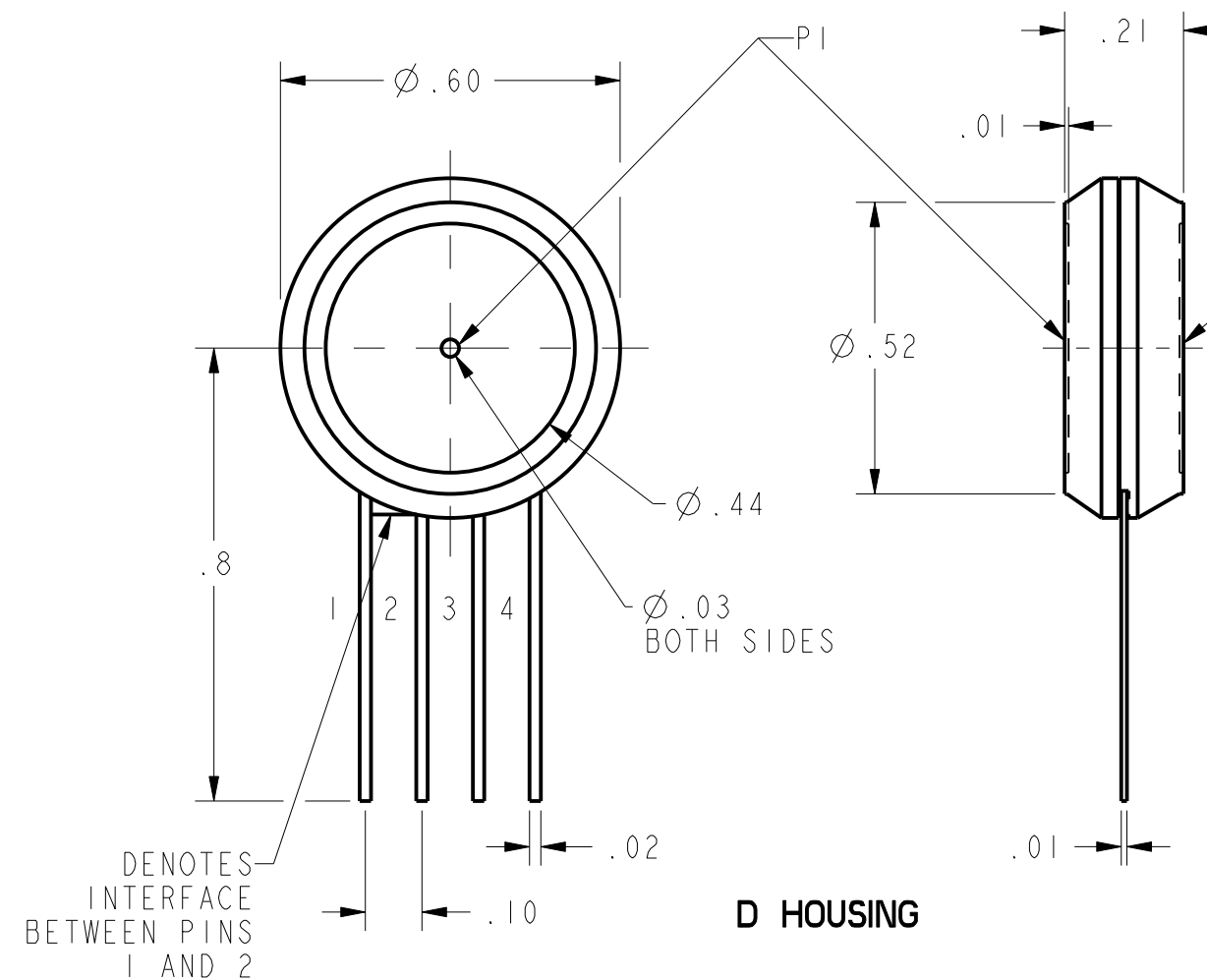
PORT OPTION

F - AXIAL
T - RADIAL
FS - OFFSET AXIAL

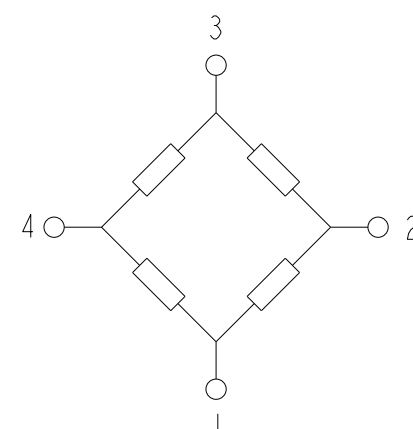
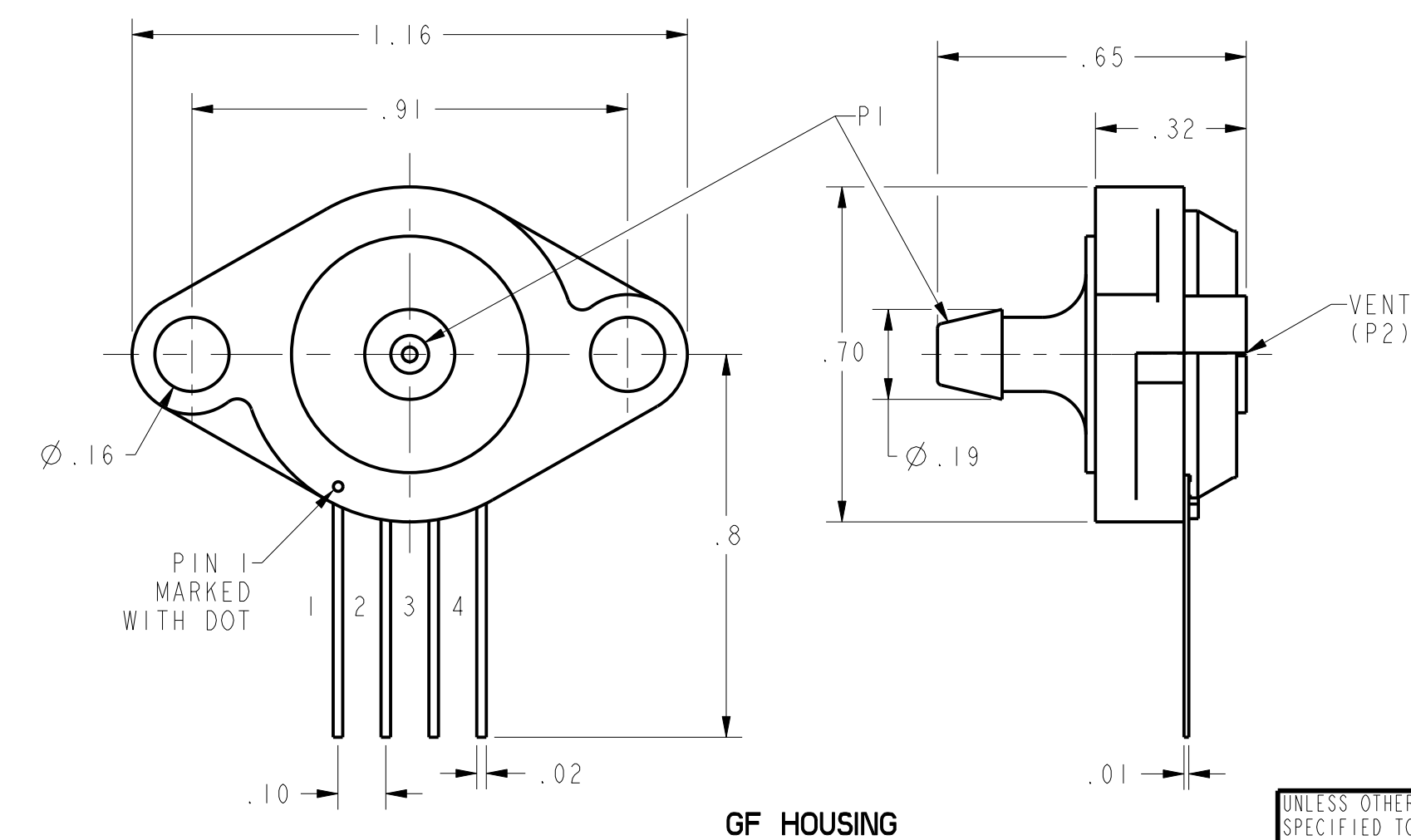
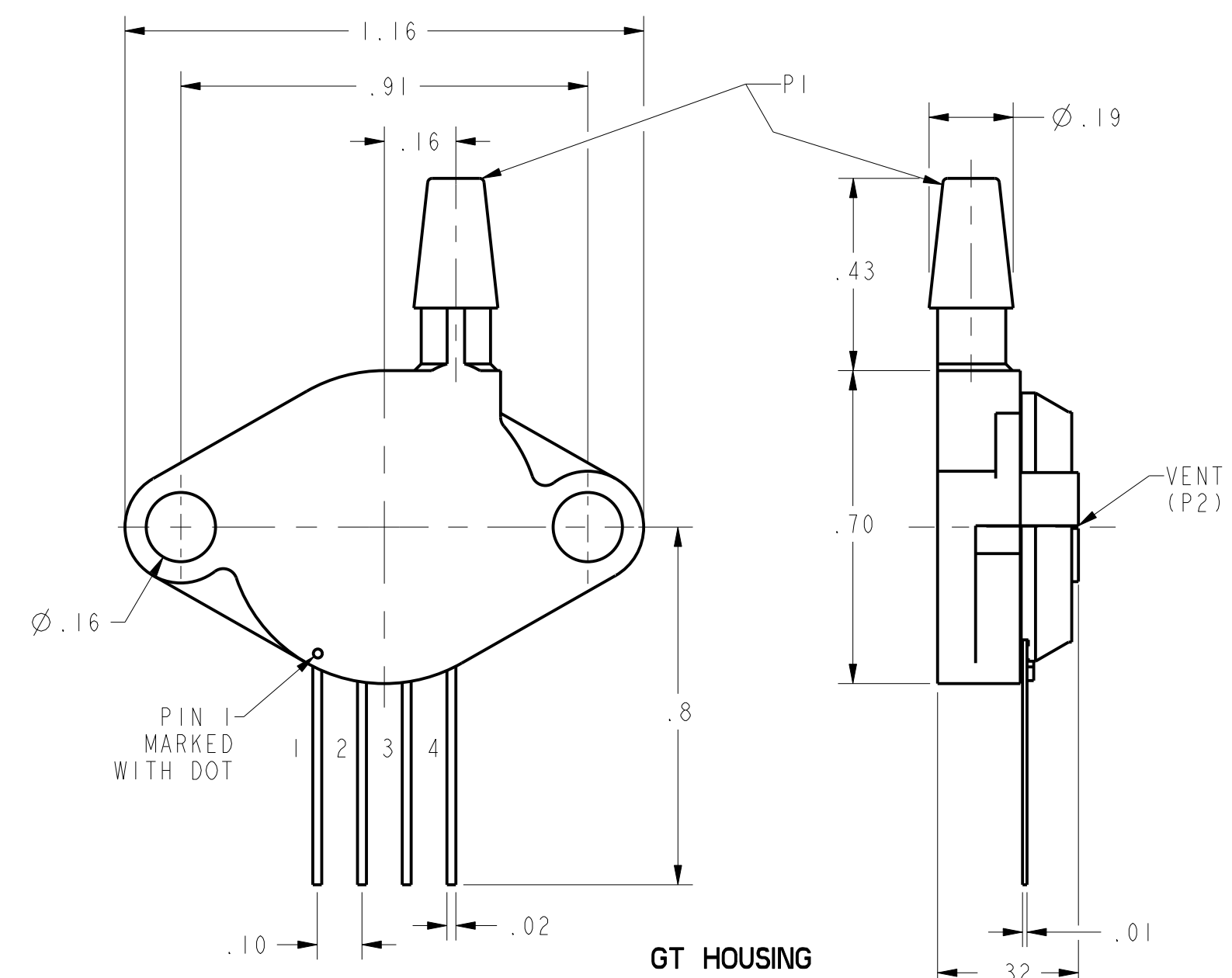
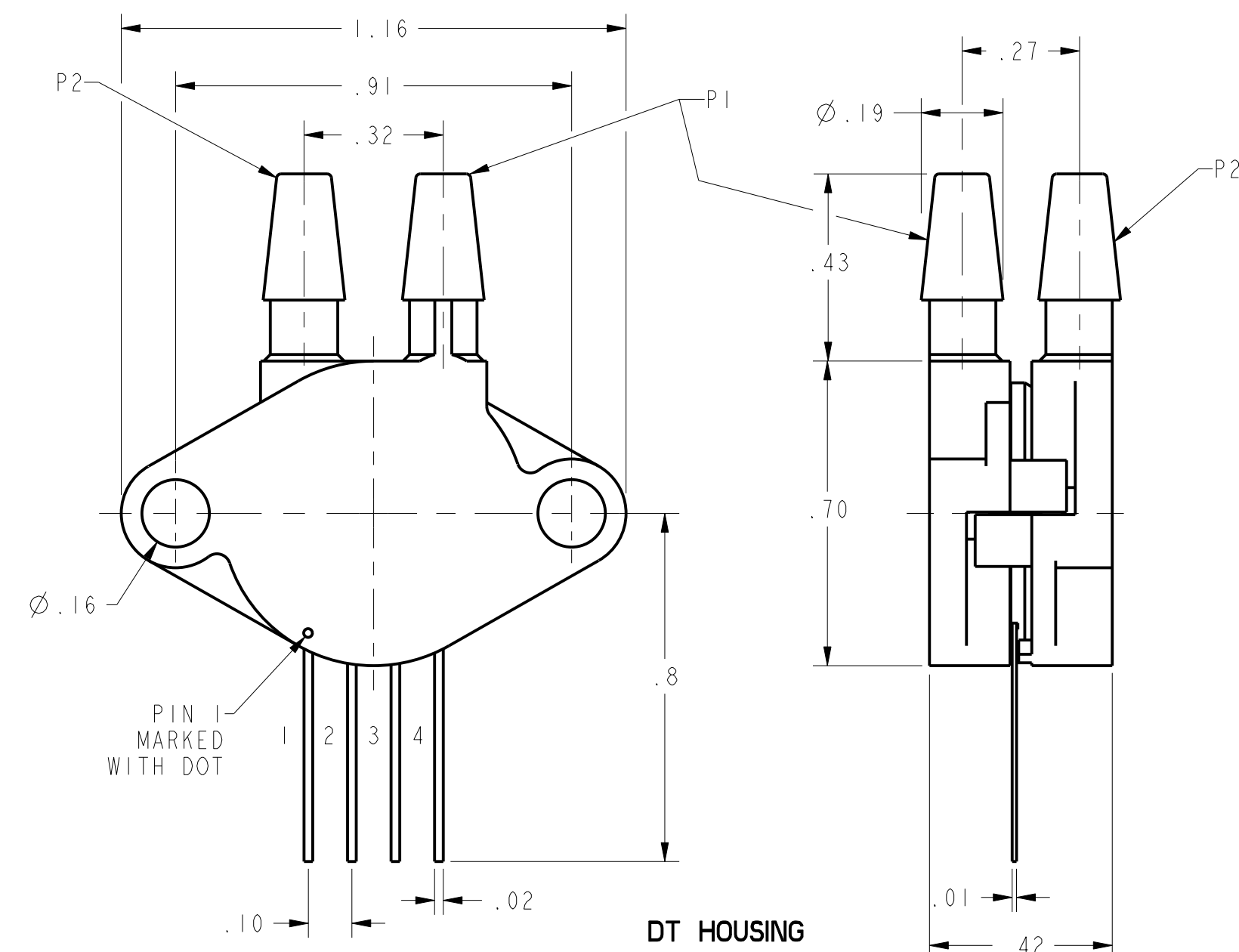
PRESSURE REFERENCE

G - GAGE
D - DIFFERENTIAL

CATALOG	LISTINGS
	XPXL04DTC
	XPXL10DC
	XPXL10DT
	XPX01GT
	XPX01DT
	XPX01D
	XPX05DT
	XPX15DT
	XPX15GFS
	XPX30D
	XPX30GT
	XPX30DT
	XPX100D
	XPX100DT
	XPX100GF
	XD100GT
	XPX100GFS
	XPX150D



XPX/XPXL G AND D STYLE (GAGE/DIFFERENTIAL)	PERFORMANCE AT 25°C AND 5±0.01 Vdc (UNLESS OTHERWISE STATED)						
	C-GRADE			UNITS	FULL SCALE PRESSURE PSI	PROOF PRESSURE PSI	BURST PRESSURE PSI
	MIN	NOM	MAX				
OFFSET (FOR ALL LISTINGS)	-50	0	50	mV			
4 IN H ₂ O SPAN (P1>P2) (L04 LISTING)	50	68	86	mV	4 IN H ₂ O	3	5
10 IN H ₂ O SPAN (P1>P2) (L10 LISTING)	45	78.5	112	mV	10 IN H ₂ O	3	5
0.3 PSI SPAN (P1>P2)	37	65	93	mV	0.3	3	5
1 PSI SPAN (P1>P2)	40	75	110	mV	1	3	5
5 PSI SPAN (P1>P2)	112	168.5	225	mV	5	15	25
15 PSI SPAN (P1>P2)	168	253	338	mV	15	45	75
30 PSI SPAN (P1>P2)	168	253	338	mV	30	90	150
60 PSI SPAN (P1>P2)	189	263.5	338	mV	60	180	300
100 PSI SPAN (P1>P2)	210	295	380	mV	100	250	400
150 PSI SPAN (P1>P2)	187	262.5	338	mV	150	250	400
TEMPERATURE CHANGE BRIDGE RESISTANCE	---	2600	---	ppm/°C			
TEMPERATURE CHANGE SPAN	---	-1800	---	ppm/°C°			
COMBINED LINEARITY AND HYSTERESIS 	---	---	I	% SPAN			



GENERAL OPERATING CHARACTERISTICS	ALL PRESSURES AND GRADES			UNITS
	MIN	NOM	MAX	
EXCITATION VOLTAGE	---	5	12	Vdc
INPUT RESISTANCE	---	3000	---	OHMS
OUTPUT RESISTANCE	---	3000	---	OHMS
OPERATING TEMPERATURE	-25	25	85	°C
STORAGE TEMPERATURE	-40	---	125	°C

PIN OUT	
1	-V EXCITATION
2	+ OUTPUT SIGNAL
3	+ V EXCITATION
4	- OUTPUT SIGNAL

NOTES

1 - SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT AT FULL SCALE PRESSURE AND THE OFFSET OUTPUT

3 - THE OUTPUT OF THE SENSOR IS PROPORTIONAL, RATIO-METRIC, TO THE EXCITATION VOLT

3 - THE OUTPUT OF THE SENSOR IS PROPORTIONAL, RATIO-METRIC, TO THE EXCITATION VOLTAGE. ALL SPECIFICATIONS WILL NOMINALLY BE CHANGED BY THE RATIO OF $V_{\text{EXCITATION}}/5.0 \text{ Vdc}$

4 - LIMIT SOLDERING TO 315°C FOR LESS THAN 10 SECONDS

5 - PIN 1 IS IDENTIFIED BY THE DOT ON THE HOUSING OR BY THE BRIDGING TAB BETWEEN TERMINALS 1 AND 2

6 - APPLY PRESSURE TO PORT INDICATED ON THE DRAWINGS SHOWN

7 - SENSORS ARE OPERATIONAL OVER VACUUM PRESSURE RANGE

8 - PI INPUT MEDIA RESTRICTED TO DRY GASES ONLY

9 - P2 INPUT MEDIA RESTRICTED TO MEDIA COMPATIBLE WITH NYLON, EPOXY ADHESIVE AND SILICON

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ☒ FRACTIONAL CUSTOMARY ☐ DECIMAL METRIC NO PLACE .X ±.040 ±1 ONE PLACE .X ±.030 ±0.4 TWO PLACE .XX ±.015 ±0.15 THREE PLACE .XXX ±.005 ± ANGLES ± ± RAW MATERIAL-COMMERCIAL STANDARD THIRD ANGLE PROJECTION 		DRAWN TSM 29MAR01		Honeywell PRESSURE SENSOR					
		CHECK SAV 29MAR01							
		THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.		TITLE		SIZE DWG TYPE DRAWING NAME REV D M XPX GAGE DIF SERIES CHART 1 4			
		DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED							
		PTC 3D ASME Y14.5M-1994		SCALE 3:1					