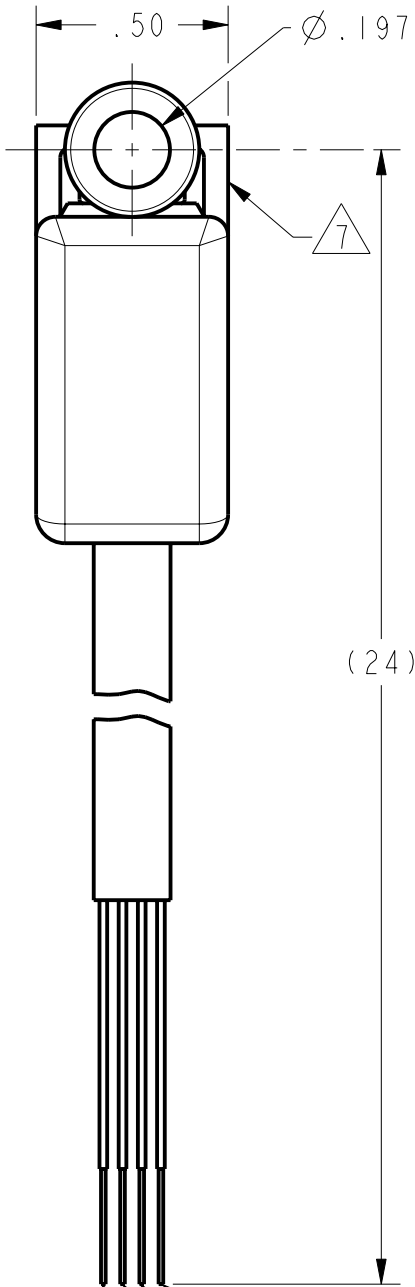
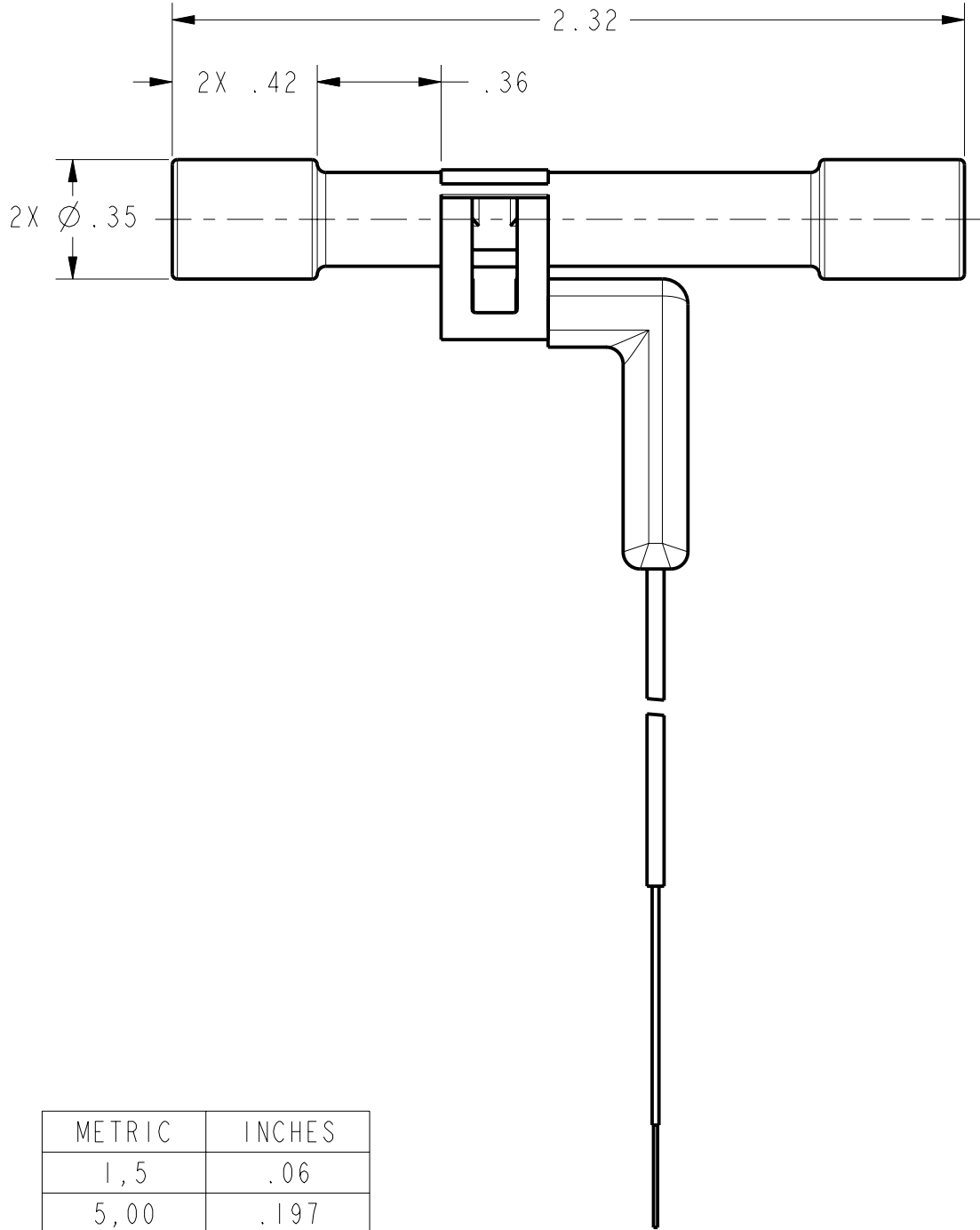


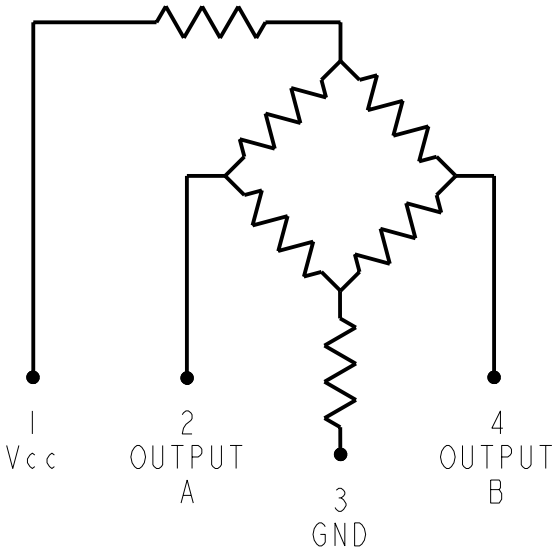
REV	DOCUMENT	CHANGED BY	CHECK
1	200941	WJC 30AUG00	SAV
2	204006	TSM 25SEP01	SAV



- RED (POSITIVE +)
- WHITE (Vout +)
- BLACK (NEGATIVE -)
- GREEN (Vout -)

METRIC	INCHES
1,5	.06
5,00	.197
8,9	.35
9,1	.36
10,9	.43
12,7	.50
58,9	2.32
609,60	24.000

CIRCUIT DIAGRAM



OUTPUT "A"
INCREASES AS P2
PRESSURE INCREASES

OUTPUT "B"
DECREASES AS P2
PRESSURE INCREASES

GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00±0.01 VDC EXCITATION, 25°C)				
PRESSURE RANGE (PSI)		0-38 (AT 15PSI)		
		MIN	NOM	MAX
SPAN (P2>P1)	1	37.5	39.5	41.5
NULL OFFSET		-1.5	0	+1.5
			TYP	MAX
LINEARITY (BFSL, P2>P1)			0.1	0.5
NULL SHIFT (0 TO 25°C, 25 TO 50°C)	2		±0.7	±1.5
SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1	2		±1.0	±1.5
REPEATABILITY AND HYSTERESIS			±0.2	%SPAN
OVERPRESSURE (P2>P1; P1>P2)				60 PSI

ALL PRESSURE RANGE	MIN	TYP	MAX	UNITS
EXCITATION VOLTAGE		10	16	VDC
INPUT RESISTANCE	5.5K	7.5K	11.5K	OHMS
OUTPUT RESISTANCE	1.5K	2.5K	3.0K	OHMS
RESPONSE TIME			1.0	ms
TEMPERATURE RANGES				
STORAGE	-55°C TO +100°C (-67°F TO +212°F)			
OPERATE	-40°C TO +85°C (-40°F TO +185°F)			
COMPENSATED	0 TO +50°C (+32°F TO +122°F)			

- NOTES
- 1 SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MINIMUM RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI
 - 2 TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C
 - 3 - INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, THE HOUSING MATERIAL OR SEAL MATERIAL
 - 4 - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE
 - 5 - RATIO METRIC TO SUPPLY VOLTAGE
 - 6 - PIN 1 IS IDENTIFIED BY RED WIRE
 - 7 CATALOG LISTING AND DATE CODE HERE. CATALOG LISTING BRANDED AS 6JF5G. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS ENTIRE CATALOG LISTING

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
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 WJC 30AUG00
CHECK SAV 30AUG00

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DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

3D PTC ASME Y14.5M-1994

Honeywell
Sensing and Control

TITLE
BRIDGE PRESSURE SENSOR

SIZE DWG TYPE DRAWING NAME
C M 26PCJFU5G

SCALE 2:1 WEIGHT SHEET 1 OF 1

REV 2