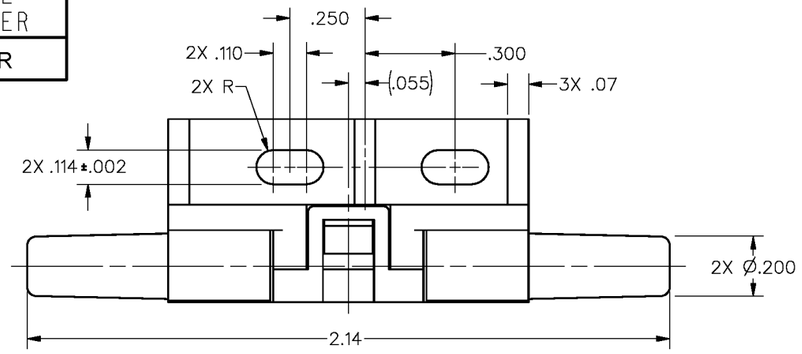
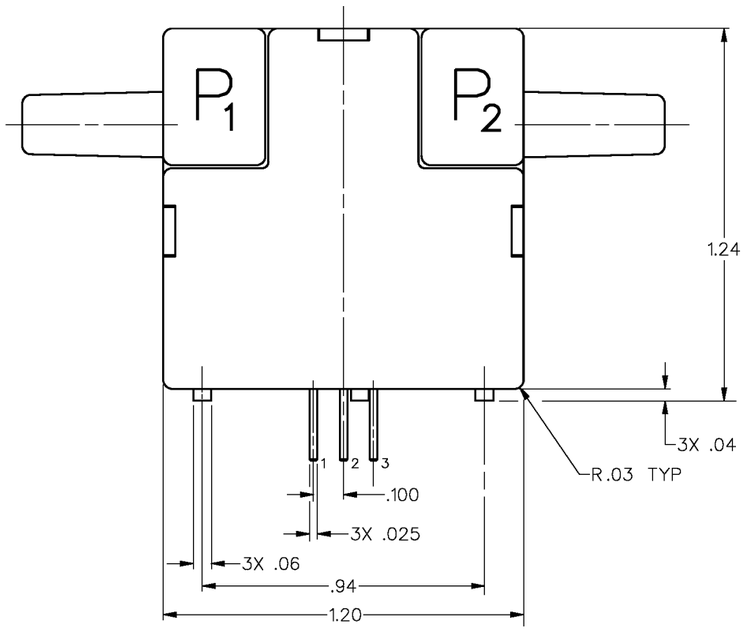
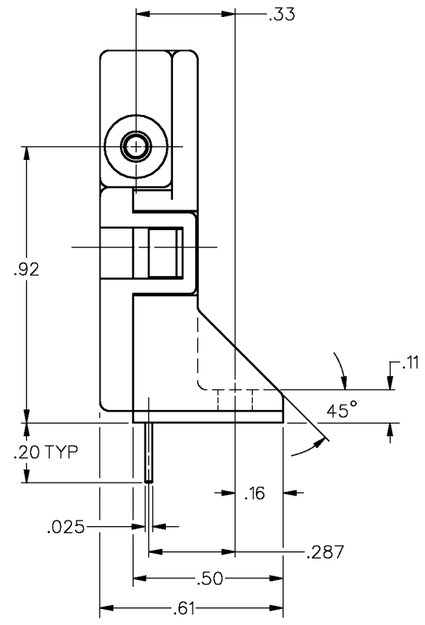
HONEYWELL PART NUMBER
AWM3200CR

REV	DOCUMENT	CHANGED BY	CHECK
4	0013772	RS 16JUNE05	AK



EXCITATION VOLTAGE	10.000±.010 VDC
POWER CONSUMPTION	50mW TYP
OUTPUT TYPE	LINEAR, 4–20 mA DC
EXTERNAL OUTPUT LOAD	100–300 OHMS
CALIBRATION GAS	NITROGEN
FLOW RANGE	0–2 IN H20
OUTPUT @ LASER TRIM POINT	20.0±1.0 mA DC @ 2 IN H20
NULL OUTPUT	4.0±.3 mA DC
NULL OUTPUT SHIFT –25°C TO +85°C	 ±.2 mA DC (MAX)
FULL SCALE OUTPUT SHIFT –25°C TO +25°C +25°C TO +85°C	 +24.0% READING (MAX) –31.0% READING (MAX)
LINEARITY ERROR	±5.0% READING (MAX)
REPEATABILITY AND HYSTERESIS	.5% FSO (MAX)
RESPONSE TIME	60 mSEC (MAX)
OVERPRESSURE	25 PSI (MAX)





OUTPUT CONNECTIONS

PIN 1 OUTPUT VOLTAGE

PIN 2 + SUPPLY VOLTAGE (10 VDC)

PIN 3 GROUND

NOTE
1 – POSITIVE FLOW DIRECTION IS DEFINED AS PROCEEDING FROM P_1 TO P_2 AND RESULTS IN POSITIVE OUTPUT (PIN 1 > PIN 3).NEGATIVE FLOW DIRECTION IS DEFINED CONVERSELY AND RESULTS IN NEGATIVE OUTPUT(PIN 1 < PIN 3)
2 – CONNECT LOAD FROM PIN 1 TO PIN 3
3 – LOAD RANGE (100 OHMS TO 300 OHMS)
4 – OUTPUT RANGE (4–20 mA, 0–.5" H_2O)
5 – SCHEMATIC IS ON (W)SS–13647 DRAWING

DESIGN UNITS: INCH
TOLERANCES UNLESS NOTED:

NO PLACE	X	±	
ONE PLACE	.X	±	0.030
TWO PLACE	.XX	±	0.015
THREE PLACE	.XXX	±	0.005
FOUR PLACE	.XXXX	±	
ANGLES		±	

THIRD ANGLE PROJECTION

DRAWN	SAV	25JUL95
CHECK	TSM	26JUL95

INTERPRET PER ANSI Y14.5M-1982
OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY

RASTER

Honeywell

TITLE
MASS AIRFLOW SENSOR

SIZE	TYPE	DRAWING NAME	REV
B	I	AWM3200CR	4

SCALE 3:1 SHEET 1 OF 1