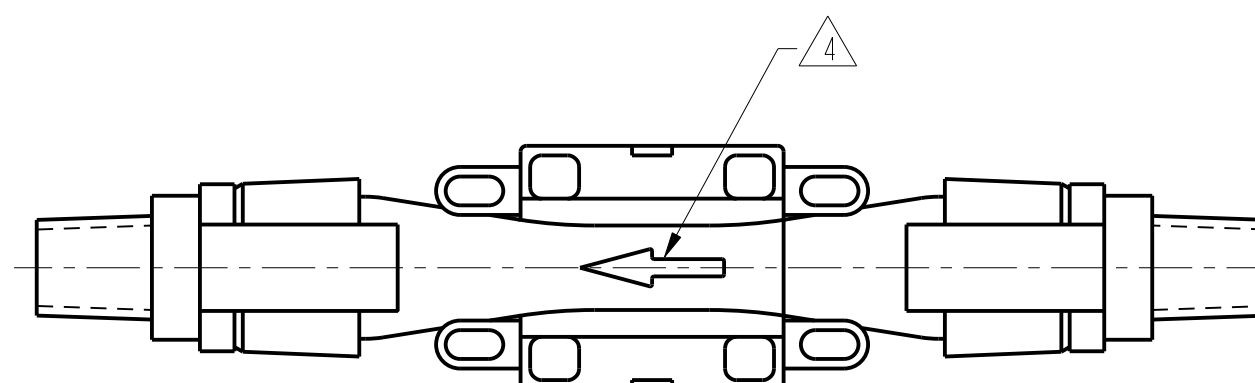
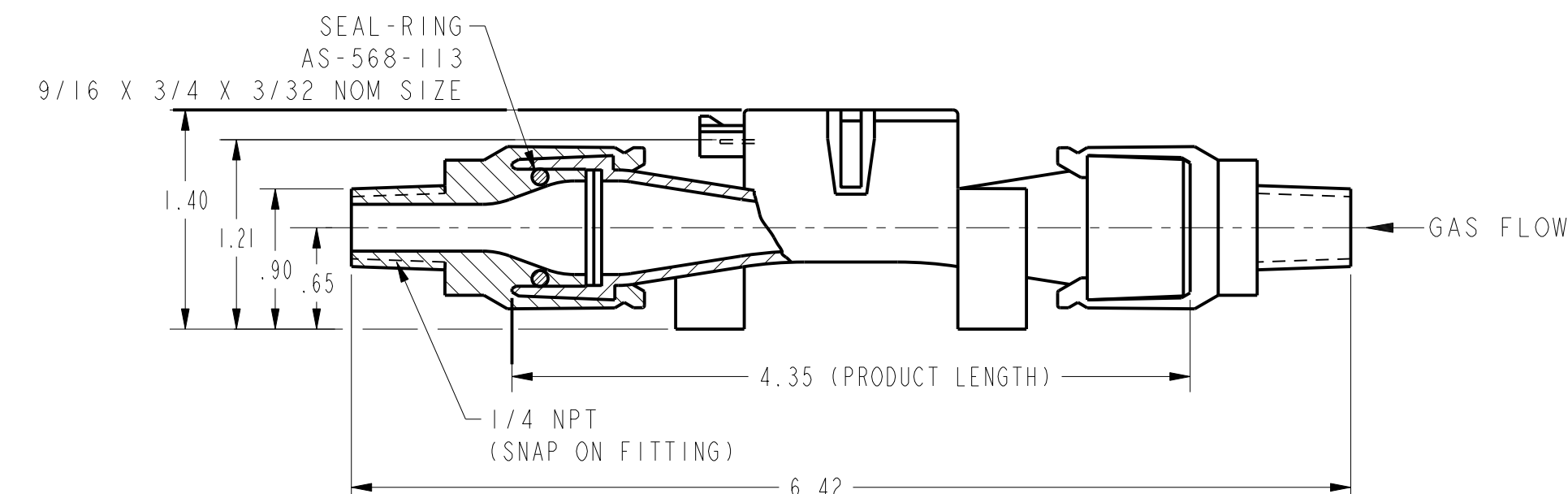
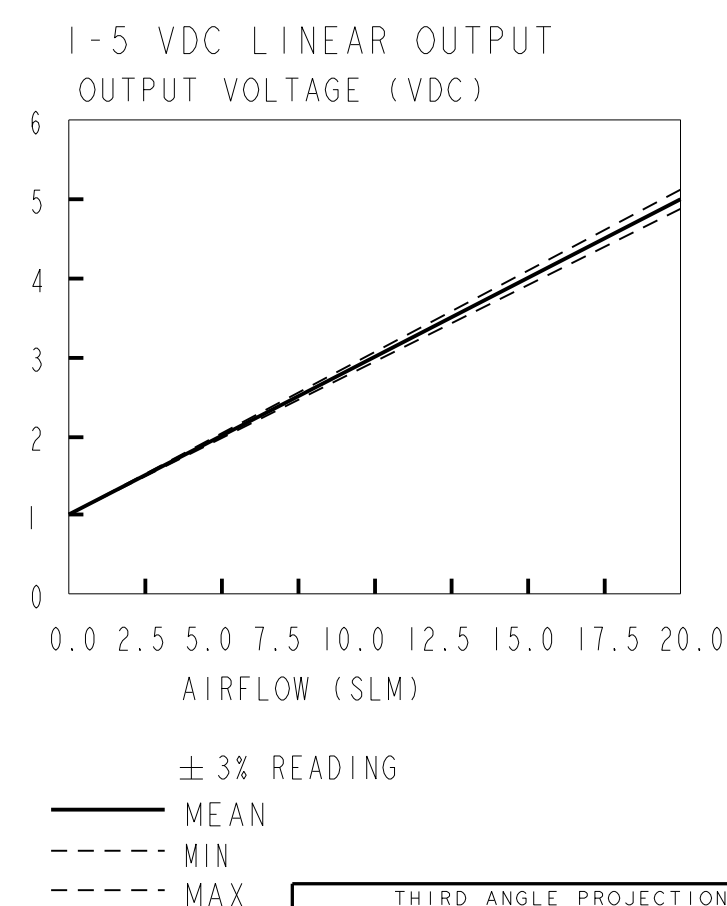
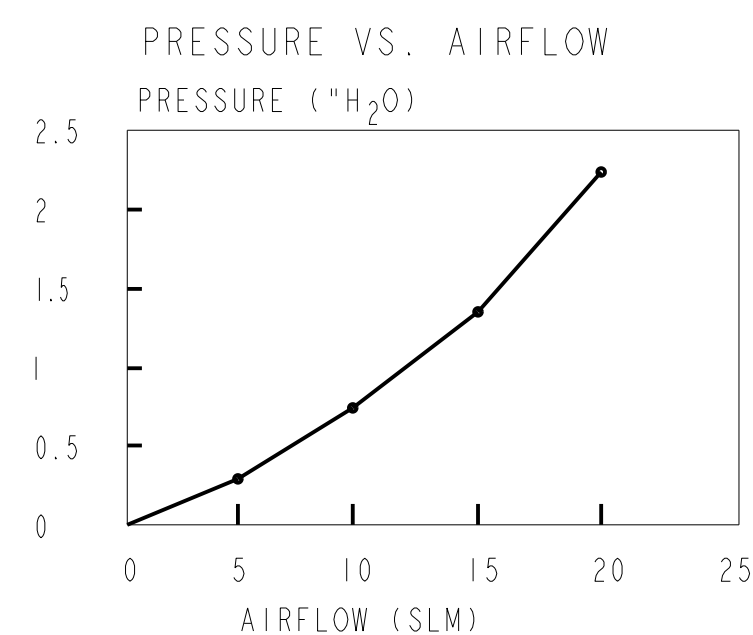




PIN 1 + SUPPLY VOLTAGE
PIN 2 GROUND
PIN 3 NO CONNECTION
PIN 4 OUTPUT VOLTAGE



SPECIFICATIONS	
RECOMMENDED POWER SUPPLY 	10.00±.01 VDC
MINIMUM POWER SUPPLY	8.0 VDC
MAXIMUM POWER SUPPLY	15 VDC
POWER CONSUMPTION	100mW MAX
OUTPUT TYPE	LINEAR, 1 TO 5 VDC
CALIBRATION GAS	CARBON DIOXIDE
GAS FLOW RANGE *	0-20 SLM *
OUTPUT @ LASER TRIM POINT	5 VDC @ FULL SCALE FLOW
DIFFERENTIAL PRESSURE @ FULL SCALE	SEE PRESSURE VS. AIRFLOW CHART
NULL OUTPUT	1.00±.05 VDC
NULL OUTPUT SHIFT, 0 TO +50°C	±.050 VDC TYP, ±.100 VDC MAX
FULL SCALE OUTPUT SHIFT, 0 TO +25°C/+25 TO 50°C	+10.0% READING MAX
LINEARITY ERROR 	±3.0% READING
REPEATABILITY & HYSTERESIS	±0.5% F.S.O.
RESPONSE TIME	60.0 mSEC MAX
STORAGE TEMPERATURE RANGE	-20° TO 70°C
OPERATION TEMPERATURE RANGE 	0° TO 50°C
TERMINATION (.100 CENTERS)	.025 SQUARE
CONNECTOR (4 PIN RECEPTACLE) 	AMP (103956-3)
WEIGHT	30 GRAMS (2.12OZ)
SHOCK RATING	100 g PEAK, 6 mSEC HALF-SINE (3 DROPS EACH DIRECTION OF 3 AXES)
OVERPRESSURE	50 PSI MAX
LEAK RATE, MAX	0.1 PSI/MIN AT STATIC CONDITION

NOTES

①	CANNOT GUARANTEE CALIBRATION AT SUPPLY VOLTAGES OTHER THAN $10.00 \pm .01$ VDC
②	LINEARITY SPECIFICATION APPLIES FROM 2 TO 100% FULL SCALE OF GAS FLOW RANGE, AND DOES NOT APPLY TO NULL OUTPUT AT 0 SLM *
③	SUPPLIED IN STRIP FORM. OTHER STRIP FORM RECEPTACLES ARE AVAILABLE, AS WELL AS VARIOUS TOOLS TO ASSEMBLE RECEPTACLES IN STRIP FORM. INDIVIDUAL RECEPTACLE ASSEMBLIES ARE ALSO AVAILABLE FROM AMP
④	MOLDED-IN ARROW DESIGNATES GAS FLOW DIRECTION
*	SLM DENOTES STANDARD LITERS PER MINUTE WHICH IS A FLOW MEASUREMENT REFERENCED TO STANDARD CONDITIONS OF 0°C , 760 TORR (SEA LEVEL), 50% RH
⑤	TEMPERATURE TRANSITIONS $1.66^{\circ}\text{C}/\text{MINUTE}$ MAXIMUM WHILE IN OPERATION

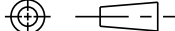
DRAWN		6 J W		12 MAR 01	CHECK	SAV	12 MAR 01	CHECK	CMH	16 JAN 08	CHECK	REVISIONS		ISSUE		DRAWING NUMBER		M		AWM5104VC		PAGE		OF		REPLACES		RELEASE NO. PR-20105		X94973-AW	
PTC/CAD 20																6															

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MICRO SWITCH
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MASS AIRFLOW SENSOR

AWM5104VC

THIRD ANGLE PROJECTION		
		
SCALE	FULL	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	± .030
TWO PLACES	(.00)	± .015
THREE PLACES	(.000)	± .005
ANGLES		±
WEIGHT		