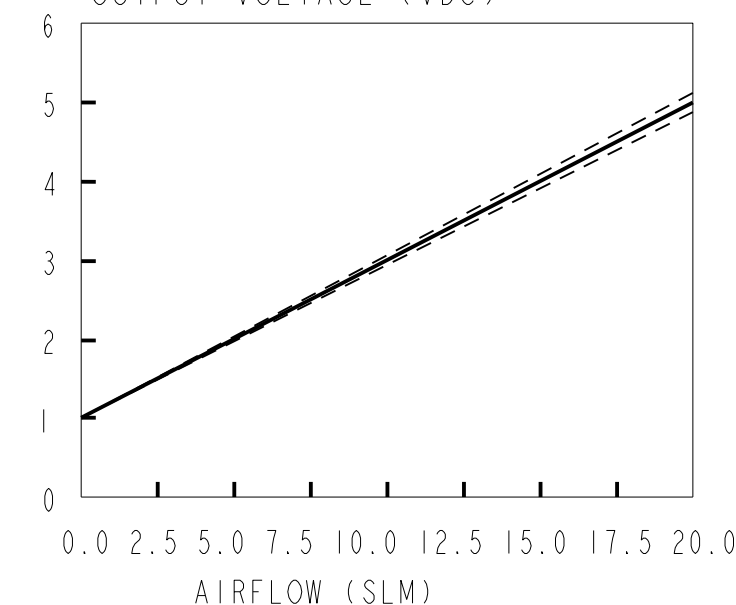
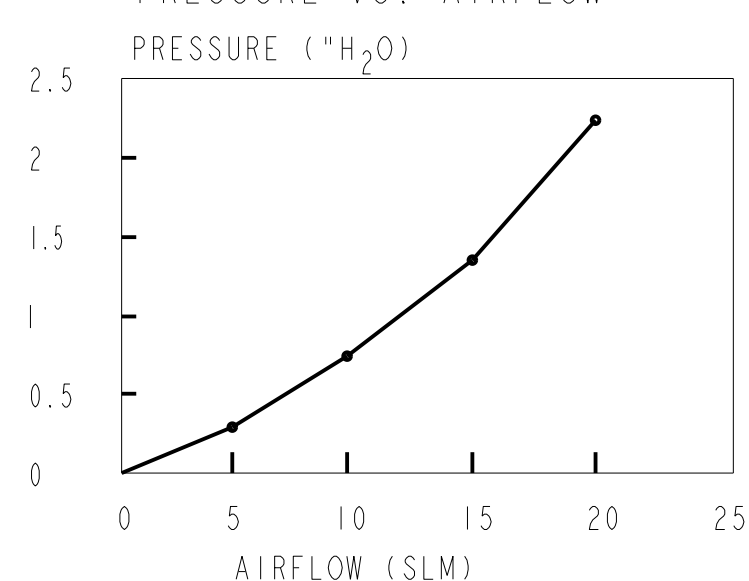




RECOMMENDED POWER SUPPLY 	10.00 ± .01 VDC
MINIMUM POWER SUPPLY	8.0 VDC
MAXIMUM POWER SUPPLY	15 VDC
POWER CONSUMPTION	100mW MAX
OUTPUT TYPE	LINEAR, 1 TO 5 VDC
CALIBRATION GAS	NITROGEN
GAS FLOW RANGE *	0-20 SLM *
OUTPUT @ LASER TRIM POINT	5 VDC @ FULL SCALE FLOW
DIFFERENTIAL PRESSURE @ FULL SCALE	SEE PRESSURE 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	4% / 5% READING MAX
LINEARITY ERROR 	± 3.0% READING
REPEATABILITY & HYSTERESIS	± 0.5% READING MAX.
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 (2.120Z)
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

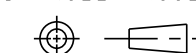
- NOTES
- ① - CANNOT GUARANTEE CALIBRATION AT SUPPLY VOLTAGES OTHER THAN $10.00 \pm .01$ VDC
 - ② - LINEARITY SPECIFICATION APPLIES FROM 2 TO 100% FULL SCALE OF GAS FLOW RANGE, AND DOES NOT APPLY TO NULL OUTPUT AT 0 SLM *
 - ③ - SUPPLIED IN STRIP FORM. OTHER STRIP FORM RECEPTACLES ARE AVAILABLE, AS WELL 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°C/MINUTE MAXIMUM WHILE IN OPERATION



± 3% READING

— MEAN
- - - MIN
- - - MAX

THIRD ANGLE PROJECTION



SCALE	FULL
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DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) $\pm .030$

TWO PLACES (.00) $\pm .015$

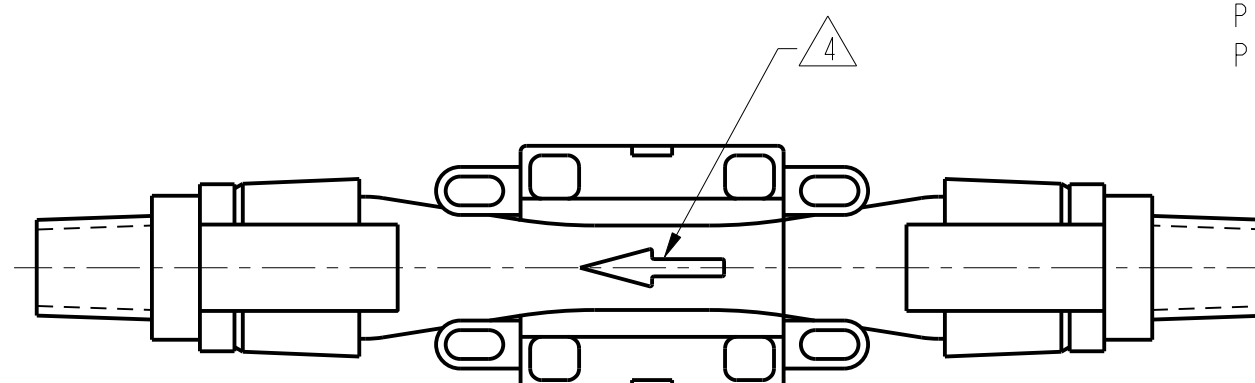
TWO PLACES	(.00)	+ .010
THREE PLACES	(.000)	+ .005

THREE PLACES (1.000)	= 1.000
ANGLES	+

WEIGHT

OUTPUT CONNECTIONS

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



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CATALOG LISTING

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MASS AIRFLOW SENSOR

AWM5104VN

ANSI Y14.5M-1982 APPLIES

FED MEG CODE 91939