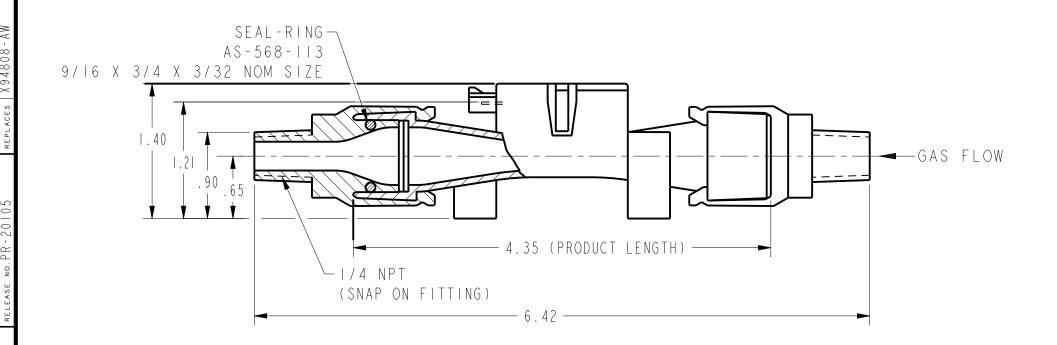


RECOMMENDED POWER SUPPLY / $10.00 \pm .01$ VDC MINIMUM POWER SUPPLY 8.0 VDC MAXIMUM POWER SUPPLY 15 VDC POWER CONSUMPTION IOOmW MAX LINEAR, I TO 5 VDC OUTPUT TYPE CALIBRATION GAS ARGON GAS FLOW RANGE * 0-20 SLM * 5 VDC @ FULL SCALE FLOW OUTPUT @ LASER TRIM POINT DIFFERENTIAL PRESSURE @ FULL SCALE SEE PRESSURE VS. AIRFLOW CHART NULL OUTPUT 1.00 ± 05 VDC NULL OUTPUT SHIFT, 0 TO +50°C $\pm .050$ VDC TYP, $\pm .100$ VDC MAX FULL SCALE OUTPUT SHIFT, 0 TO +25°C/+25 TO 50°C +3%/+7% READING MAX LINEARITY ERROR 2 77\3.0% READING REPEATABILITY & HYSTERESIS $\pm 0.5\%$ F.S.O. 60.0 mSEC MAX RESPONSE TIME -20° TO 70°C STORAGE TEMPERATURE RANGE OPERATION TEMPERATURE RANGE 25 0° TO 50°C TERMINATION (.100 CENTERS) .025 SQUARE CONNECTOR (4 PIN RECEPTACLE) /3 AMP (103956-3) 30 GRAMS (2.120Z) WEIGHT SHOCK RATING 100 g PEAK, 6 mSEC HALF-SINE (3 DROPS EACH DIRECTION OF 3 AXES) OVERPRESSURE 50 PSI MAX 0.1 PSI/MIN AT STATIC CONDITION LEAK RATE, MAX



AWM5104VA

DR AW I NG NUMBER

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A 202464

G J W
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NOTES

SPECIFICATIONS

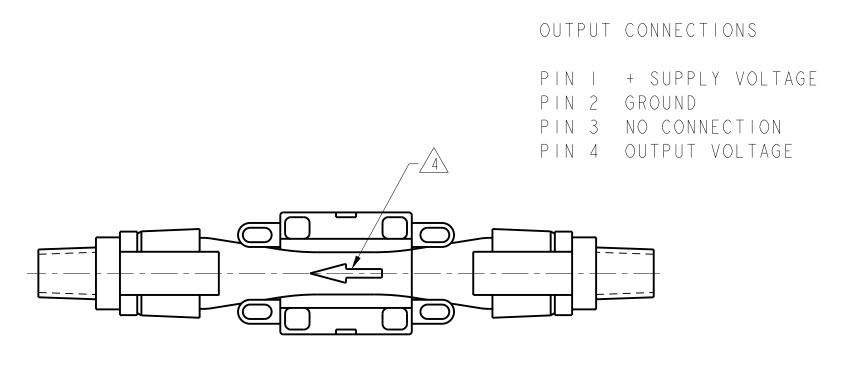
/T\- CANNOT GUARANTEE CALIBRATION AT SUPPLY VOLTAGES OTHER THAN 10.00±.01 VDC 2 - LINEARITY SPECIFICATION APPLIES FROM 2 TO 100% FULL SCALE OF GAS FLOW RANGE, AND DOES ON APPLY TO NULL OUTPUT AT 0 SLM *

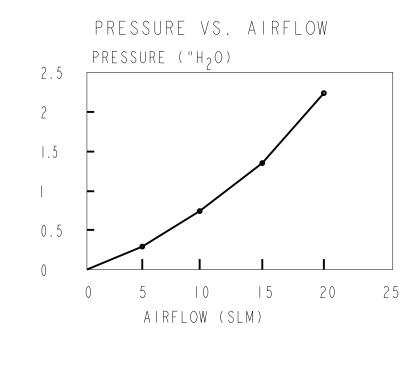
/3\ SUPPLIED IN STRIP FORM. OTHER STRIP FORM RECEPTACLES ARE AVAILABLE, AS WELL AS VARIOUS TOOLS TO ASSEMBLE RECEPTACLES IN STRIP FORM. INDIVIDUAL RECEPTACLE ASSEMBLIES ARE ALSO AVAILABLE FROM AMP

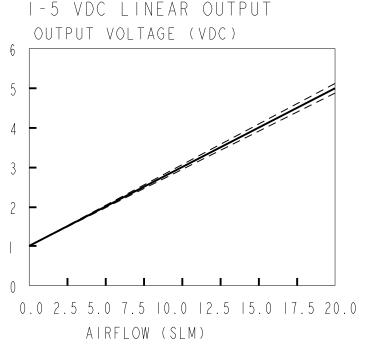
4\ MOLDED-IN ARROW DESIGNATES GAS FLOW DIRECTION

* 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

ONE PLACE

WEIGHT

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CATALOG LISTING AWM5104VA

DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE (.0) ± .030 TWO PLACES (.00) ±.015 THREE PLACES (.000) ± .005 ANGLES

THIRD ANGLE PROJECTION ⊕ -=-

ANSI YI4.5M-1982 APPLIES

FED. MFG. CODE 91929