

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	ARGON
GAS FLOW RANGE *	0-15 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, -20 TO +70 °C	±.050 VDC TYP, ±.200 VDC MAX
FULL SCALE OUTPUT SHIFT, -20 TO +25 °C/+25 TO 70 °C	4%/7% READING MAX
LINEARITY ERROR	± 3.0% READING
REPEATABILITY & HYSTERESIS	± 0.5% F.S.O.
RESPONSE TIME	60.0 mSEC MAX
TEMPERATURE RANGE	-20 TO +70 °C (-4 TO +158 °F)
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

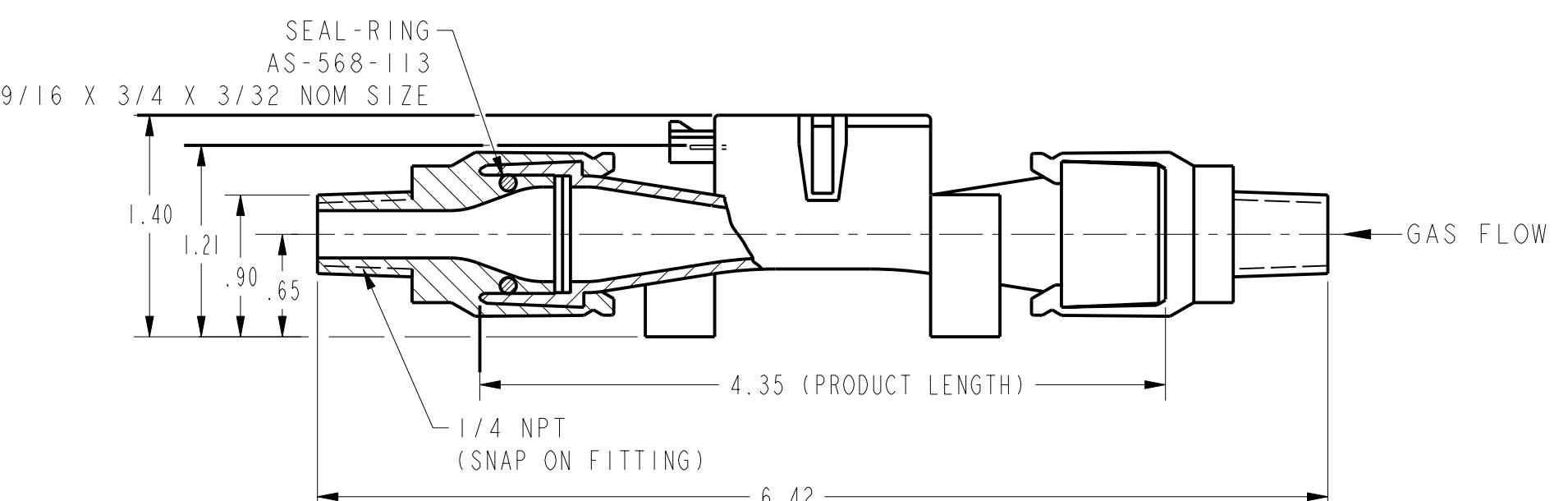
1 CANNOT GUARANTEE CALIBRATION AT SUPPLY VOLTAGES OTHER THAN 10.00±.01 VDC

2 LINEARITY SPECIFICATION APPLIES FROM 2 TO 100% FULL SCALE OF GAS FLOW RANGE, AND DOES 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 RECEPTACLES ARE ALSO AVAILABLE FROM AMP

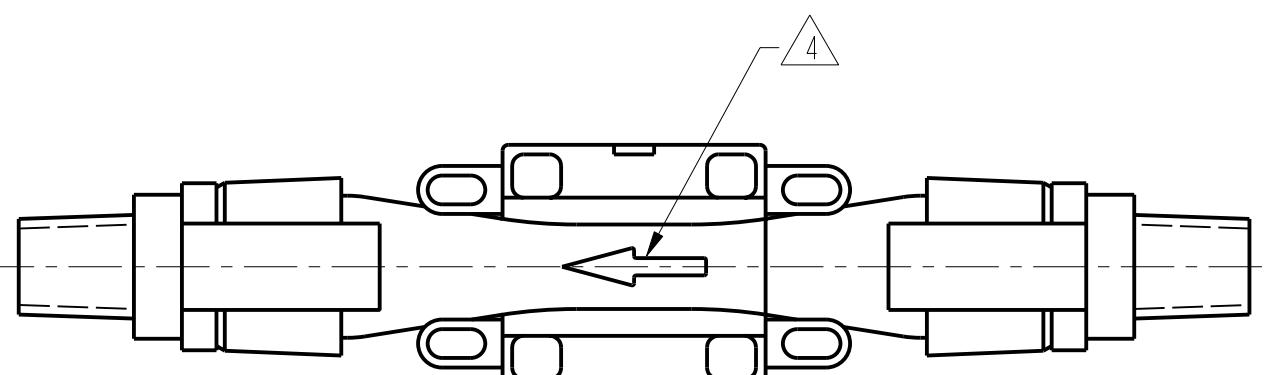
4 MOLDED-IN ARROW DESIGNATES GAS FLOW DIRECTION

* SLM DENOTES STANDARD LITERS PER MINUTE WHICH IS A FLOW MEASUREMENT REFERENCED TO STANDARD CONDITIONS OF 0°C, 760 TORR (SEA LEVEL), 50% RH

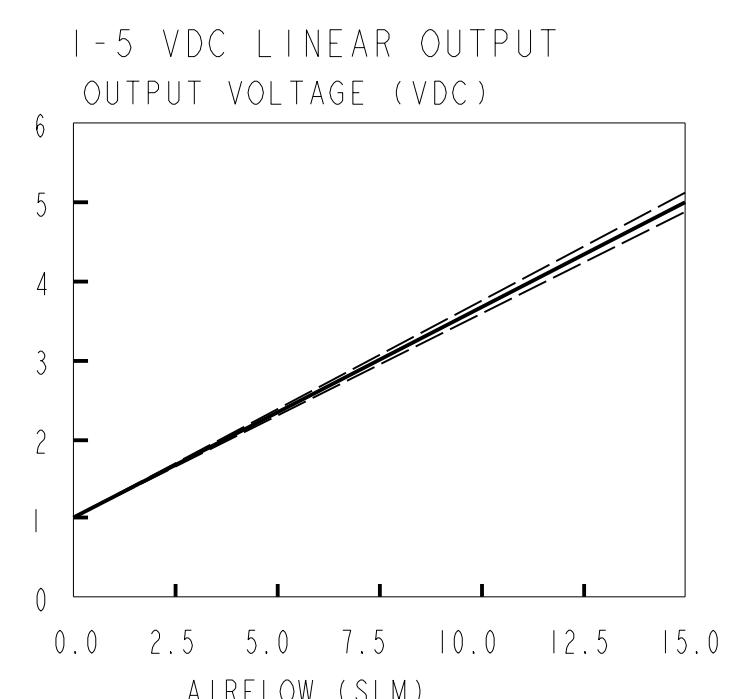
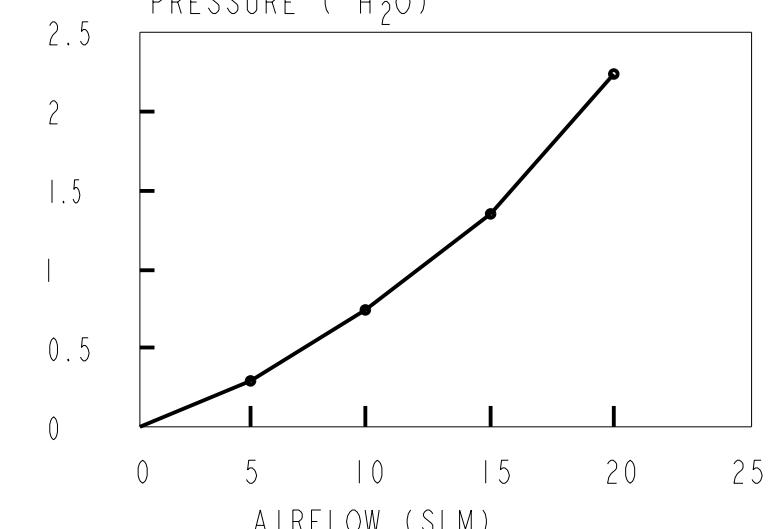


OUTPUT CONNECTIONS

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



PRESSURE VS. AIRFLOW
 PRESSURE ("H₂O)



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