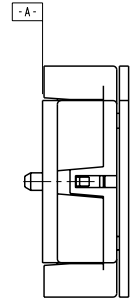
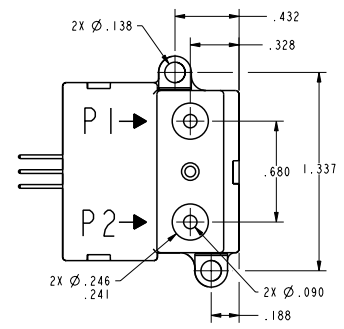
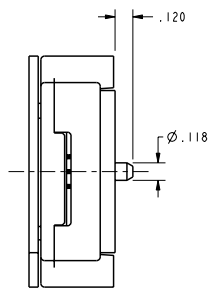
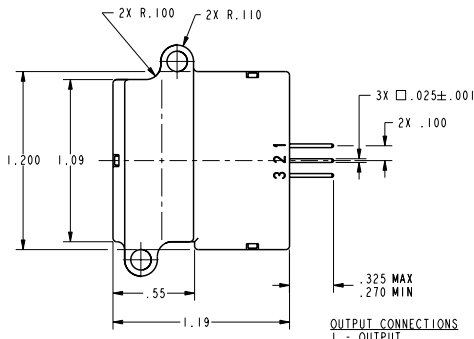
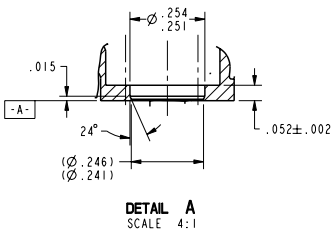
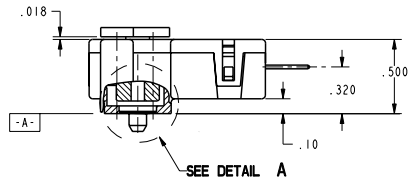


M AWM43300V



OUTPUT CONNECTIONS
 1 - OUTPUT
 2 - SUPPLY
 3 - GROUND



CATALOG LISTING: AWM43300V

ELECTRICAL SPECIFICATIONS	MIN	NOM	MAX	UNITS	NOTES
RECOMMENDED EXCITATION	9.990	10.000	10.010	Vdc	
POWER SUPPLY (MIN/MAX)	8.000	---	15.000	Vdc	
POWER CONSUMPTION	---	---	60	mW	
OUTPUT LOADING	SINK 10 mA SOURCE 20 mA				
CALIBRATION GAS	NITROGEN				
NULL OUTPUT SHIFT:	-25°C TO +85°C		±.025	Vdc	
FULL SCALE OUTPUT SHIFT:	-25°C TO +25°C		-5.0	% READ	
	+25°C TO +85°C		+6.0	% READ	
RATIOMETRICITY ERROR	---	±.3	---	% READ	(TYPICAL)
REPEATABILITY & HYSTERESIS	---	---	±.5	% READ	(1)
RESPONSE TIME	---	1.0	---	msec	
FLOW SPECIFICATIONS	FLOW	NOMINAL	±TOL		
	(Scm)	(Vdc)	(Vdc)		
	1000	5.000	0.15		
	900	4.970	0.16		
	800	4.885	0.17		
	700	4.775	0.18		
	600	4.630	0.19		
	500	4.430	0.20		
	400	4.155	0.21		
	300	3.760	0.19		
	200	3.225	0.17		
	100	2.485	0.14		
	0	1.000	0.05		
MECHANICAL SPECIFICATION	SPECIFICATION LIMITS				
PRESSURE DROP @ FULL SCALE	1.02 IN. H2O TYP				
TEMPERATURE RANGE	OPERATING -25 TO +85°C				
OVERPRESSURE	150 PSI				
MAXIMUM ALLOWABLE RATE OF FLOW CHANGE THROUGH SENSOR TO PREVENT DAMAGE	5LPM/SEC				
NOTES:	1 - REPEATABILITY & HYSTERESIS TOLERANCES REFLECT INHERENT INACCURACIES OF THE MEASUREMENT EQUIPMENT				

THIRD ANGLE PROJECTION

SCALE 2:1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.01)	±.030
TWO PLACES	(.001)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT

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MICROSWITCH
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MASS AIRFLOW SENSOR

CATALOG LISTING
AWM43300V

FED. MFG. CODE 91829

ANSI Y14.5M-1982 APPLIES

AWM43300V
 ISSUE 2
 REVISIONS
 A 201414
 1 201414
 2 201414
 P.T.C./CAD
 G.R.T. 123 JUL 98