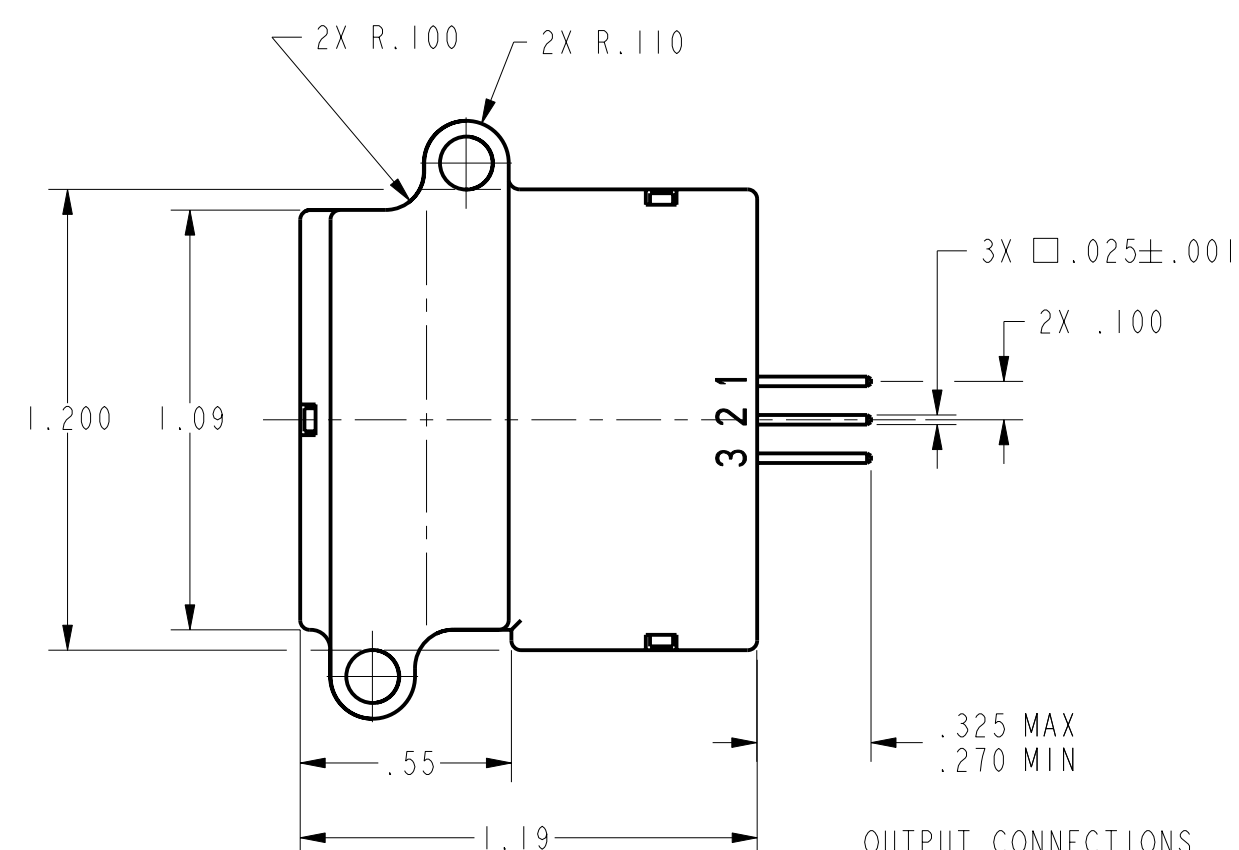
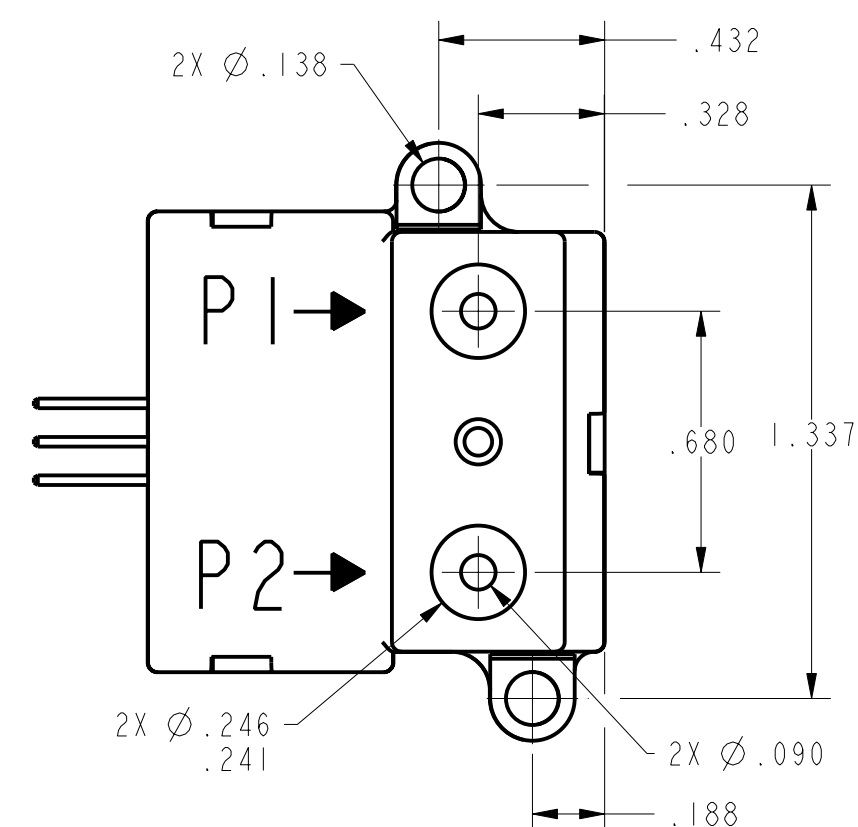
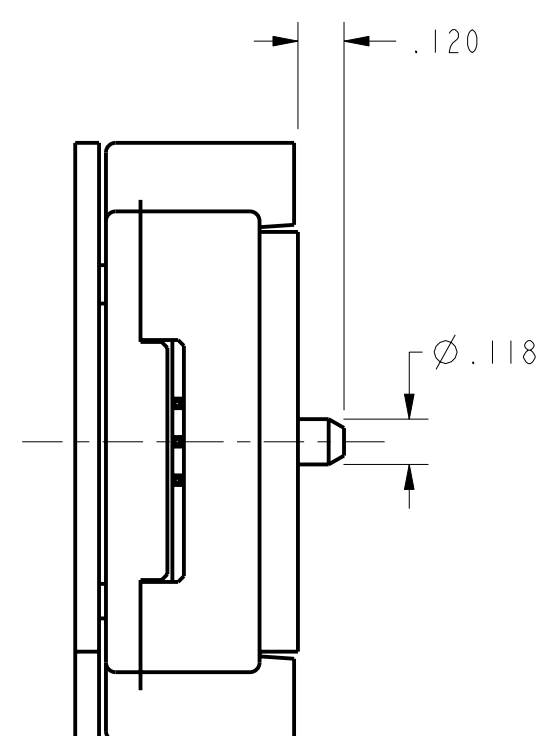


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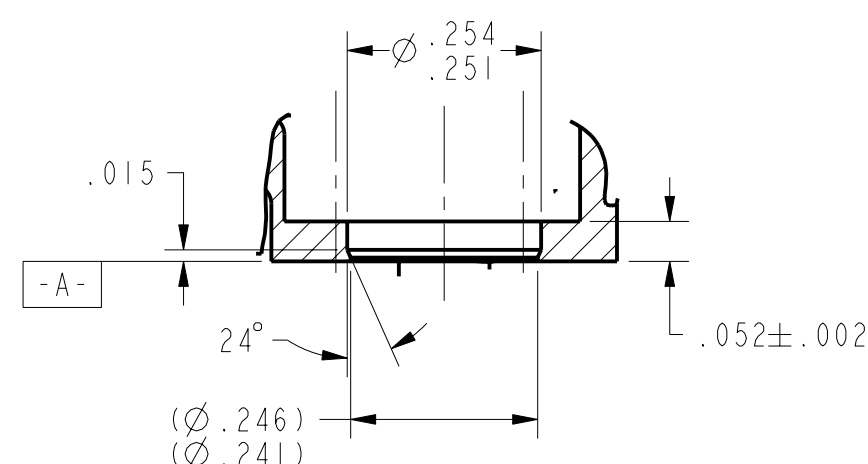
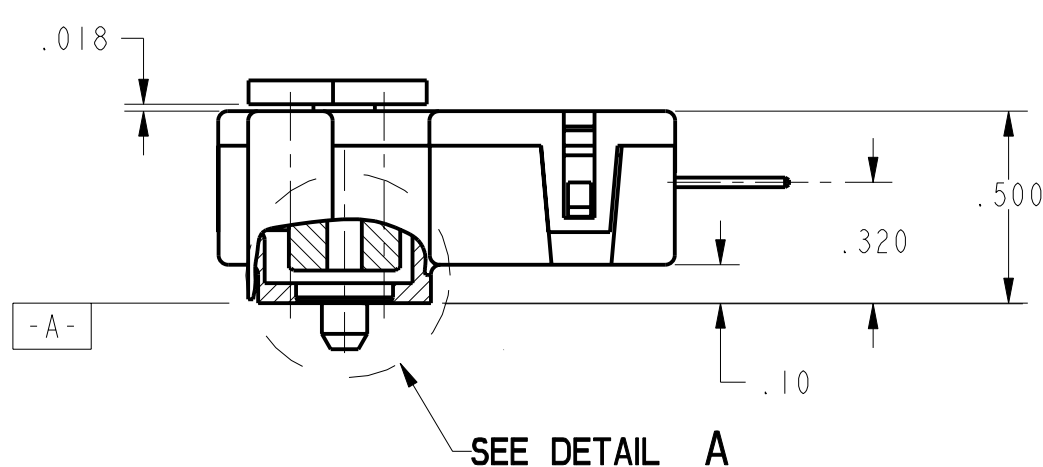
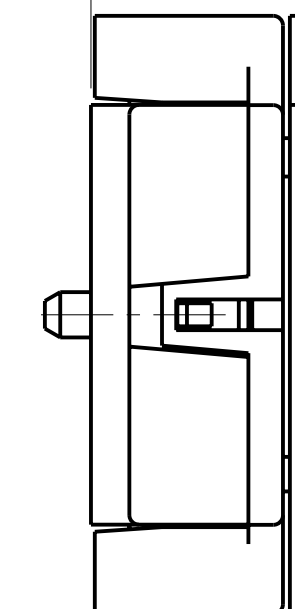
AWM43300VH



OUTPUT CONNECTIONS
1 - OUTPUT
2 - SUPPLY
3 - GROUND



-A-



DETAIL A
SCALE 4:1

CATALOG LISTING: AWM43300VH

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		
	(Sccm)	(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					

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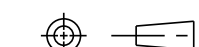
MICRO SWITCH
a Honeywell Division

MASS AIRFLOW SENSOR

CATALOG LISTING

AWM43300VH

THIRD ANGLE PROJECTION



SCALE 2:1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) ±.030

TWO PLACES (.00) ±.015

THREE PLACES (.000) ±.005

ANGLES ±

WEIGHT

ANSI Y14.5M-1982 APPLIES

FED. MFG. CODE 91929