



### DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	L	L1	T	W
<b>lb/inches</b>											
2.2-100	0.14	0.25	-	0.28	1.37	-	0.63	1.80	0.69	#10-32 UNF	0.50
200	0.14	0.25	0.09	0.28	1.37	0.22	0.63	1.80	0.69	#10-32 UNF	0.50
300-500	0.21	0.34	0.09	0.28	1.37	0.24	0.63	1.80	0.69	1/4-28 UNF	0.50
<b>kg/mm</b> (conversion of above dimensions)											
1.00-45.36	3.6	6.4	-	7.1	34.8	-	15.9	45.7	17.4	#10-32 UNF	12.7
90.72	3.6	6.4	2.4	7.1	34.8	5.5	15.9	45.7	17.4	#10-32 UNF	12.7
136.08-226.80	5.4	8.6	2.4	7.1	34.8	6.0	15.9	45.7	17.4	1/4-28 UNF	12.7

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V ± 20%	<b>Element Material</b>	Aluminum (2.2-100lb)
<b>Zero Balance</b>	± 0.02 mV/V		17-4PH stainless steel (200-500lb)
<b>Non-linearity</b>	< ± 0.02% (2.2-100lb) < ± 0.06% (200-500lb)	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Repeatability</b>	< ± 0.02%	<b>Insulation Resistance</b>	> 0.5 [ 50V DC ] GΩ
<b>Hysteresis Error</b>	< ± 0.02% (2.2-100lb) < ± 0.06% (200-500lb)	<b>Nominal Temperature Range</b>	-10°C to 40°C / 14°F to 104°F (Aluminum) -10°C to 50°C / 14°F to 122°F (17-4PH stainless steel)
<b>Creep in 30 min.</b>	< ± 0.025%	<b>Seal Type / IP Rating</b>	IP30
<b>Input Resistance</b>	1050Ω ± 15	<b>Cable Color Code</b>	Exc+ Green      Exc- Black Sig+ White      Sig- Red
<b>Output Resistance</b>	1000Ω ± 3		

### PART NUMBER\*

Rated Capacity	Deflection Emax(inch)	Safe Overload(lb)	Part No.	Weight Approx.(lb)
2.2lb.....	0.006-0.010.....	100.....	101AALS-2.2lb.....	0.1
5lb.....	0.005-0.008.....	100.....	101AALS-5lb.....	0.1
10lb.....	0.003-0.008.....	100.....	101AALS-10lb.....	0.1
25lb.....	0.003-0.007.....	150.....	101AALS-25lb.....	0.1
50lb.....	0.004-0.007.....	150.....	101AALS-50lb.....	0.1
100lb.....	0.004-0.008.....	300.....	101AALS-100lb.....	0.1
200lb.....	0.003-0.007.....	400.....	101ASLS-200lb.....	0.3
300lb.....	0.003-0.007.....	600.....	101ASLS-300lb.....	0.3
500lb.....	0.005-0.009.....	750.....	101ASLS-500lb.....	0.3

\* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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