

RoHS

DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	W	W1	T
lb/inches									
0.25-100	0.75	0.65	0.38	0.69	0.63	0.31	0.26	0.19	M3 X 0.5 Depth 0.11
g/mm (conversion of above dimensions)									
113.4-45,359.24	19.1	16.5	9.6	17.5	16.0	8.0	6.7	4.7	M3 X 0.5 Depth 2.8

SPECIFICATIONS

Full Scale Output	1.0 mV/V \pm 20%(0.25-0.5lb); 2.0 mV/V \pm 20%(1-100lb)	Recommended Excitation	5V (10V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	$< \pm 0.1\%$	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$< \pm 0.05\%$	Safe Overload	1800% of full scale(0.25-0.5lb) 1000% of full scale(1-25lb); 200% of full scale(50-100lb) only tension
Hysteresis Error	$< \pm 0.1\%$	Seal Type / IP Rating	IP40
Creep in 30 min.	$< \pm 0.1\%$	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	350 Ω \pm 10		
Output Resistance	350 Ω \pm 5		
Element Material	17-4PH stainless steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
0.25lb.....	101RSLS-0.25lb.....	0.1
0.5lb.....	101RSLS-0.5lb.....	0.1
1lb.....	101RSLS-1lb.....	0.1
2lb.....	101RSLS-2lb.....	0.1
5lb.....	101RSLS-5lb.....	0.1
10lb.....	101RSLS-10lb.....	0.1
25lb.....	101RSLS-25lb.....	0.1
50lb.....	101RSLS-50lb.....	0.1
100lb.....	101RSLS-100lb.....	0.1

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

Product Datasheet Disclaimer

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