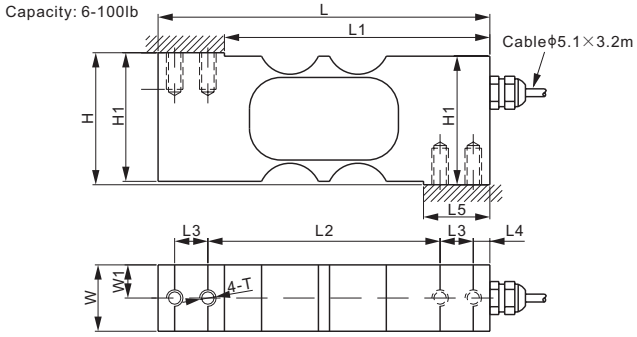
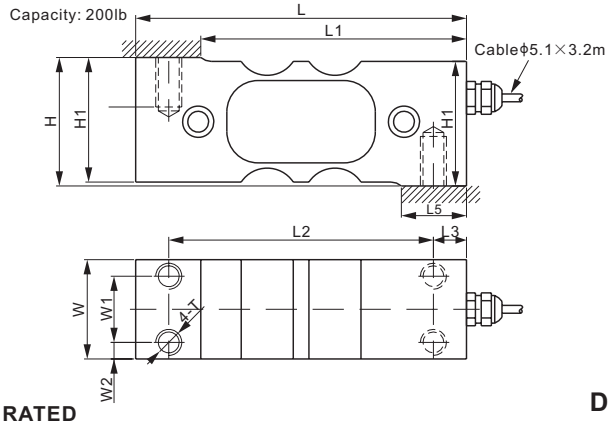
108QS

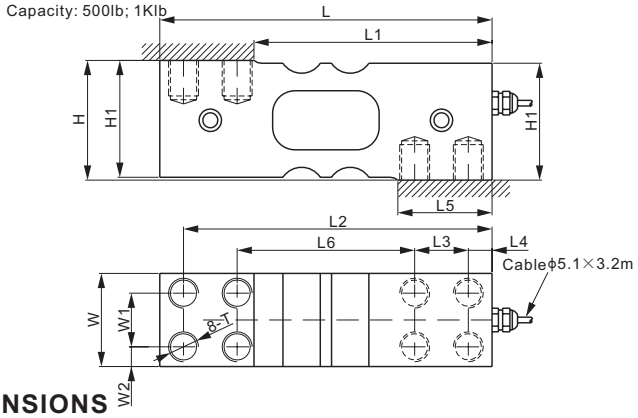
Stainless Steel



RoHS







DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L5	L6	W	W1	W2	T
lb/inches													
6	1.99	1.94	5.00	4.00	3.50	0.50	0.25	1.00	–	0.50	0.25	–	1/4–28 UNF
10–100	1.99	1.94	5.00	4.00	3.50	0.50	0.25	1.00	–	1.00	0.50	–	1/4–28 UNF
200	1.94	1.88	5.00	4.02	4.00	0.50	–	1.00	–	1.50	1.00	0.25	M10
500; 1,000	2.52	2.46	7.00	4.02	6.50	1.13	0.50	1.98	3.74	1.96	1.13	0.42	M16
kg/mm (conversion of above dimensions)													
2.72	50.5	49.2	127.0	101.6	88.9	12.7	6.4	25.4	–	12.7	6.4	–	1/4–28 UNF
4.54–45.36	50.5	49.2	127.0	101.6	88.9	12.7	6.4	25.4	–	25.4	12.7	–	1/4–28 UNF
90.72	49.3	47.8	127.0	102.0	101.6	12.7	–	25.4	–	38.1	25.4	6.4	M10
226.80; 453.59	64.0	62.5	177.8	127.4	165.1	28.7	12.7	50.4	95.0	49.8	28.7	10.6	M16

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	**Recommended Excitation**	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	**Reference Max.Platform Size**	Cap.≤100lb: 400×450 mm Cap.=200lb: 500×550 mm Cap.≥500lb: 650×700 mm
Non-linearity	< ± 0.017%		
Repeatability	< ± 0.017%		
Hysteresis Error	< ± 0.017%	**Insulation Resistance**	>2 [50V DC] GΩ
Creep in 30 min.	< ± 0.023%	**Compensated Temperature Range**	-10°C to 40°C / 14°F to 104°F
Input Resistance	385Ω ± 15	**Safe Overload**	150% of full scale
Output Resistance	350Ω ± 3	**Breaking Overload**	300% of full scale
Element Material	2Cr13 Stainless Steel	**Seal Type / IP Rating**	Environmentally Sealed / IP66
		Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
6lb	108QS-6lb-YZ	1.0
10lb	108QS-10lb-YZ	1.0
15lb	108QS-15lb-YZ	1.0
25lb	108QS-25lb-YZ	1.0
50lb	108QS-50lb-YZ	1.0
100lb	108QS-100lb-YZ	1.0
200lb	108QS-200lb-YZ	1.2
500lb	108QS-500lb-YZ	3.0
1Klb	108QS-1Klb-YZ	3.1

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

INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal	SP 6-100lb*
Cardinal	SP 200, 500, 1000lb
Coti Global	CG-SPL/CG-SPLM

** SP 6-100lb is of aluminum construction*

SINGLE POINTS

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