



RATED CAPACITY	DIMENSIONS										
	H	L	L1	L2	L3	L4	W	W1	W2	T	
kg/mm											
20-100	25.0	150.0	32.5	6.0	19.0	100.0	45.0	7.5	30.0	M8 Depth15	
LE60-LE100; SE150-SE400	40.0	150.0	32.5	6.0	19.0	100.0	45.0	7.5	30.0	M8 Depth20	
150-400; SE600	40.0	150.0	38.5	6.0	25.0	88.0	75.0	12.5	50.0	M8 Depth20	
500-2,000	50.0	200.0	52.0	14.0	25.0	122.0	100.0	15.0	70.0	M10 Depth23	
lb/inches (conversion of above dimensions)											
44.1-220.5	0.98	5.91	1.28	0.24	0.75	3.94	1.77	0.30	1.18	M8 Depth0.59	
LE132.3-LE220.5; SE330.7-SE881.8	1.57	5.91	1.28	0.24	0.75	3.94	1.77	0.30	1.18	M8 Depth0.79	
330.7-881.8; SE1,322.8	1.57	5.91	1.52	0.24	0.98	3.46	2.95	0.49	1.97	M8 Depth0.79	
1,102.3-4,409.2	1.97	7.87	2.05	0.55	0.98	4.80	3.94	0.59	2.76	M10 Depth0.91	

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 10%	Reference Max. Platform Size	Capacity: 20-100kg: 460×600 mm
Zero Balance	± 0.02 mV/V		Capacity: 150-400kg: 600×600 mm
Non-linearity	< ± 0.017%		Capacity: 500kg-2t: 900×900 mm
Repeatability	< ± 0.017%	Insulation Resistance	>2 [50V DC] GΩ
Hysteresis Error	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Creep in 30 min.	< ± 0.017%	Safe Overload	150% of full scale
Input Resistance	415Ω ± 15	Breaking Overload	300% of full scale
Output Resistance	350Ω ± 3	Seal Type / IP Rating	Environmentally Sealed / IP66
Element Material	Aluminum	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Recommended Excitation	10V (15V Maximum)		

PART NUMBER		
Rated Capacity	Part No.	Weight (kg) Approx.
20kg	108JA-20kg	0.4
50kg	108JA-50kg	0.5
60kg	108JA-60kg	0.5
LE60kg	108JA-LE60kg	0.7
75kg	108JA-75kg	0.5
LE75kg	108JA-LE75kg	0.7
100kg	108JA-100kg	0.5
LE100kg	108JA-LE100kg	0.7
SE150kg	108JA-SE150kg	0.7
150kg	108JA-150kg	1.1
SE200kg	108JA-SE200kg	0.7
200kg	108JA-200kg	1.1
SE300kg	108JA-SE300kg	0.7
300kg	108JA-300kg	1.1
SE400kg	108JA-SE400kg	0.7
400kg	108JA-400kg	1.1
500kg	108JA-500kg	2.5
SE600kg	108JA-SE600kg	1.1
750kg	108JA-750kg	2.5
1t	108JA-1t	2.5
1.5t	108JA-1.5t	2.5
2t	108JA-2t	2.6

INTERCHANGEABLE PRODUCTS	
Model	Model
108JA-LE60kg	108LA-60kg
108JA-LE100kg	108LA-100kg
108JA-SE150kg	108LA-150kg
108JA-SE200kg	108LA-200kg
108JA-SE300kg	108LA-300kg
108JA-50kg	651JS-50kg*
108JA-75kg	651JS-75kg*
108JA-LE75kg	651JS-75kg*
108JA-SE200kg	651JS-200kg*
108JA-SE400kg	651JS-400kg*

* Most dimensions are the same, except overall height (H on the drawing): 651JS all capacities at 49mm (1.9inch), while 108JA-50kg & 108JA-75kg 25mm (0.98inch), 108JA-LE75kg, 108JA-SE200kg, 108JA-SE400kg 40mm (1.57inch).

- 20kg-500kg: NTEP 1:5 000 Class III, Single Cell;
- SE600kg-2t: NTEP 1:4 000 Class III, Single Cell
- 20kg: OIML MAA C4, Y=15 000;
- 50kg-500kg: OIML MAA C5, Y=12 300;
- SE600kg-2t: OIML MAA C4, Y=4 000