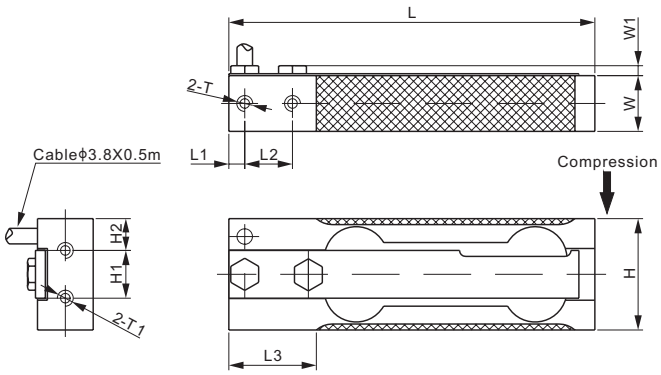
108AA

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	L3	W	W1	T	T1
kg/mm											
0.1–0.5	28	12	8	92	4	12	22	10	4	M4 Depth6	M4
1–2	28	12	8	92	4	12	22	12	4	M4 Depth8	M4
3–5	28	12	8	92	4	12	22	14	4	M4 Depth8	M4
lb/inches (conversion of above dimensions)											
0.22–1.1	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.39	0.16	M4 Depth0.24	M4
2.2–4.4	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.47	0.16	M4 Depth0.31	M4
6.6–11	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.55	0.16	M4 Depth0.31	M4

SPECIFICATIONS

Full Scale Output	Capacity≤500g: 1.0 mV/V ± 20% Capacity≥1kg: 2.0 mV/V ± 20%	**Recommended Excitation**	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	**Reference Max.Platform Size**	Capacity≤500g: 200×200 mm Capacity≥1kg: 230×230 mm
Non-linearity	Cap.≤500g: < ± 0.023%; Cap.≥1kg: < ± 0.017%	**Insulation Resistance**	>2 [50V DC] GΩ
Repeatability	Cap.≤500g: < ± 0.023%; Cap.≥1kg: < ± 0.017%	**Nominal Temperature Range**	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	Cap.≤500g: < ± 0.023%; Cap.≥1kg: < ± 0.017%	**Safe Overload**	150% of full scale
Creep in 30 min.	Cap.≤500g: < ± 0.050%; Cap.≥1kg: < ± 0.023%	**Breaking Overload**	300% of full scale
Input Resistance	415Ω ± 15	**Seal Type / IP Rating**	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	**Cable Color Code**	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100g	108AA-100g	0.1
200g	108AA-200g	0.1
300g	108AA-300g	0.1
500g	108AA-500g	0.1
1kg	108AA-1kg	0.1
2kg	108AA-2kg	0.1
3kg	108AA-3kg	0.1
5kg	108AA-5kg	0.1

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

1kg-5kg: OIML C3

For further available P/N's & specifications per OIML classes, please contact us.

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