

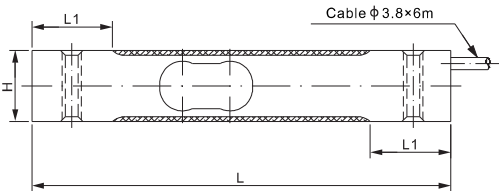
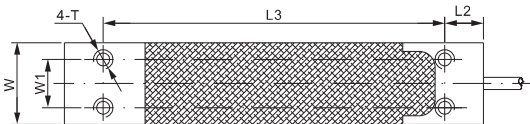
108BA-AD

Aluminum



Features:

- High-performance single-point load cell for fast dynamic weighing
- High rigidity and natural frequency enable rapid response
- Excellent side load rejection and off-center load accuracy
- Optional wiring configurations available
- Ideal for industrial weighing applications



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	W	W1	T
kg/mm								
10-30	22.0	130.0	25.0	12.0	106.0	25.4	15.0	M6
40	22.0	130.0	25.0	12.0	106.0	30.0	15.0	M6
lb/inches (conversion of above dimensions)								
22.05-66.14	0.87	5.12	0.98	0.47	4.17	1.00	0.59	M6
88.18	0.87	5.12	0.98	0.47	4.17	1.18	0.59	M6

SPECIFICATIONS

Full Scale Output	1.5 mV/V $\pm$ 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm$ 0.02 mV/V	Insulation Resistance	>2[50V DC] G Ω
Non-linearity	$\pm$ 0.017% FS	Reference Max. Platform Size	400X400mm
Repeatability	$\pm$ 0.017% FS	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	$\pm$ 0.017% FS	Safe Overload	150% of full scale
Creep in 30 min.	$\pm$ 0.023% FS	Breaking Overload	300% of full scale
Input Resistance	415 Ω $\pm$ 25	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω $\pm$ 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)
10kg	108BA-AD-10kg.....	0.2
15kg	108BA-AD-15kg.....	0.2
20kg	108BA-AD-20kg.....	0.2
30kg	108BA-AD-30kg.....	0.2
40kg	108BA-AD-40kg.....	0.2

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

NATURAL FREQUENCY*

Capacity	Natural Frequency(Hz)
10kg.....	.650
15kg.....	.730
20kg.....	.780
30kg.....	.850
40kg.....	.900

* Approx

INTERCHANGEABLE REFERENCE

Brand	Model
HBM.....	PW6D

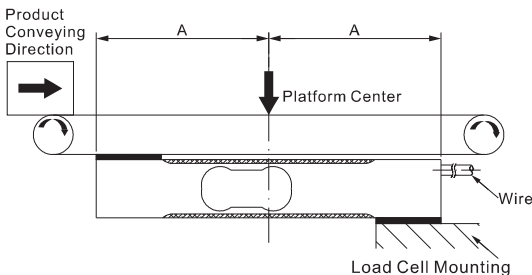


NTEP 1:5 000 Class III, Single Cell



6kg-40kg: OIML MAA C7.5, Y=20 000;

INSTALLATION ILLUSTRATION



Product Datasheet Disclaimer

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