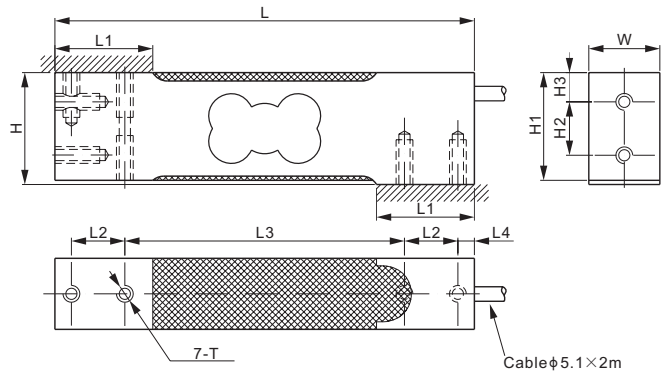


108TA; 108TAUN

ANYLOAD

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	W	T
108TA, 108TA-A1, 108TA-A2:											
kg/mm											
3-200	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	M6 Depth 16
lb/inches (conversion of above dimensions)											
6.61-440.92	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00	M6 Depth 0.6
108TAUN, 108TAUN-A1, 108TAUN-A2:											
kg/mm											
3-200	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	1/4-20UNC-2B Depth 16
lb/inches (conversion of above dimensions)											
6.61-440.92	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00	1/4-20UNC-2B Depth 0.6

SPECIFICATIONS

Maximum Capacity (Emax)	kg	3-200	5-200	5-200
Accuracy class according to NTEP Class III S		1:3000	1:4000	1:5000
Maximum number or verification interval (nmax)		3000	4000	5000
Y		12300		
Temperature effect on zero balance	%*Cn/K	± 0.00114		
Temperature effect on sensitivity	%*Cn/K	± 0.0012	± 0.000875	± 0.0007
Non-linearity	%*Cn	± 0.017	± 0.010	± 0.0075
Hysteresis Error	%*Cn	± 0.017	± 0.012	± 0.010
Creep error (30min)/DR	%*Cn	± 0.017	± 0.012	± 0.010
Full Scale Output (Cn)	mV/V	2 ± 10%		
Zero Balance	mV/V	± 0.02		
Recommended voltage	V	10 (15 Maximum)		
Input Resistance	Ω	415 ± 15		
Output Resistance	Ω	350 ± 3		
insulation resistance [50V DC]	GΩ	>2		
Safe overload [Elim]	%*Emax	150		
Breaking overload	%*Emax	300		
Safe side load	%*Emax	100		
Nominal temperature range	°C / °F	-10 to 40 / 14 to 104		
Element Material		Aluminum, Clear Anodized		
Seal type / IP rating		Environmentally Sealed / IP66		
Cable color code		Exc+ Red Exc- Black Sig+ Green Sig- White		

PART NUMBER*

Metric thread, 1:3000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
3kg.....	108TA-3kg.....	0.4
5kg.....	108TA-5kg.....	0.4
7kg.....	108TA-7kg.....	0.4
10kg.....	108TA-10kg.....	0.4
15kg.....	108TA-15kg.....	0.4
20kg.....	108TA-20kg.....	0.4
30kg.....	108TA-30kg.....	0.4
50kg.....	108TA-50kg.....	0.4
75kg.....	108TA-75kg.....	0.4
100kg.....	108TA-100kg.....	0.4
150kg.....	108TA-150kg.....	0.4
200kg.....	108TA-200kg.....	0.4

Metric thread, 1:4000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
5kg.....	108TA-5kg-A1.....	0.4
7kg.....	108TA-7kg-A1.....	0.4
10kg.....	108TA-10kg-A1.....	0.4
15kg.....	108TA-15kg-A1.....	0.4
20kg.....	108TA-20kg-A1.....	0.4
30kg.....	108TA-30kg-A1.....	0.4
50kg.....	108TA-50kg-A1.....	0.4
75kg.....	108TA-75kg-A1.....	0.4
100kg.....	108TA-100kg-A1.....	0.4
150kg.....	108TA-150kg-A1.....	0.4
200kg.....	108TA-200kg-A1.....	0.4

Metric thread, 1:5000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
5kg.....	108TA-5kg-A2.....	0.4
7kg.....	108TA-7kg-A2.....	0.4
10kg.....	108TA-10kg-A2.....	0.4
15kg.....	108TA-15kg-A2.....	0.4
20kg.....	108TA-20kg-A2.....	0.4
30kg.....	108TA-30kg-A2.....	0.4
50kg.....	108TA-50kg-A2.....	0.4
75kg.....	108TA-75kg-A2.....	0.4
100kg.....	108TA-100kg-A2.....	0.4
150kg.....	108TA-150kg-A2.....	0.4
200kg.....	108TA-200kg-A2.....	0.4

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

INTERCHANGEABLE PRODUCTS

Brand	Model
108TA	
Flintec.....	PC42 (20-150kg)*
Vishay Revere Transducers.....	642C
Vishay Tedea-Huntleigh.....	1042(metric threads)

* Flintec PC42 has a M8 mounting hole



NTEP 1:5 000 Class III, Single Cell



3kg: OIML C3



5kg-30kg: OIML MAA C7.5, Y=20 000;
50kg-200kg: OIML MAA C6, Y=29 000

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

PART NUMBER*

Imperial thread, 1:3000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
3kg.....	108TAUN-3kg.....	0.4
5kg.....	108TAUN-5kg.....	0.4
7kg.....	108TAUN-7kg.....	0.4
10kg.....	108TAUN-10kg.....	0.4
15kg.....	108TAUN-15kg.....	0.4
20kg.....	108TAUN-20kg.....	0.4
30kg.....	108TAUN-30kg.....	0.4
50kg.....	108TAUN-50kg.....	0.4
75kg.....	108TAUN-75kg.....	0.4
100kg.....	108TAUN-100kg.....	0.4
150kg.....	108TAUN-150kg.....	0.4
200kg.....	108TAUN-200kg.....	0.4

Imperial thread, 1:4000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
5kg.....	108TAUN-5kg-A1.....	0.4
7kg.....	108TAUN-7kg-A1.....	0.4
10kg.....	108TAUN-10kg-A1.....	0.4
15kg.....	108TAUN-15kg-A1.....	0.4
20kg.....	108TAUN-20kg-A1.....	0.4
30kg.....	108TAUN-30kg-A1.....	0.4
50kg.....	108TAUN-50kg-A1.....	0.4
75kg.....	108TAUN-75kg-A1.....	0.4
100kg.....	108TAUN-100kg-A1.....	0.4
150kg.....	108TAUN-150kg-A1.....	0.4
200kg.....	108TAUN-200kg-A1.....	0.4

Imperial thread, 1:5000 accuracy

Rated Capacity	Part No.	Weight Approx. (kg)
5kg.....	108TAUN-5kg-A2.....	0.4
7kg.....	108TAUN-7kg-A2.....	0.4
10kg.....	108TAUN-10kg-A2.....	0.4
15kg.....	108TAUN-15kg-A2.....	0.4
20kg.....	108TAUN-20kg-A2.....	0.4
30kg.....	108TAUN-30kg-A2.....	0.4
50kg.....	108TAUN-50kg-A2.....	0.4
75kg.....	108TAUN-75kg-A2.....	0.4
100kg.....	108TAUN-100kg-A2.....	0.4
150kg.....	108TAUN-150kg-A2.....	0.4
200kg.....	108TAUN-200kg-A2.....	0.4

INTERCHANGEABLE PRODUCTS

Brand	Model
108TAUN	
Cardinal.....	TSP
Coti Global.....	CG-42
HBM.....	SP4
Rice Lake.....	RL1042
Rice Lake.....	RLSP4
Rice Lake.....	RL42018A
Vishay Revere Transducers.....	642
Vishay Tedea-Huntleigh.....	1042(imperial threads)