



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	L6	W	W1	W2	T1	T2
108UA: kg/mm 50-1,000	75.0	191.0	41.5	8.0	25.0	125.0	30.0	10.8	75.0	60.0	56.0	M12 Depth30	M8 Depth20
lb/inches (conversion of above dimensions) 110.2-2,204.6	2.95	7.52	1.63	0.31	0.98	4.92	1.18	0.43	2.89	2.36	2.20	M12 Depth1.2	M8 Depth0.8
108UAUN: kg/mm 50-1,000	75.0	191.0	41.5	8.0	25.0	125.0	30.0	10.8	75.0	60.0	56.0	$\frac{1}{2}$ -20 UNF Depth30	$\frac{5}{16}$ -18 UNC Depth20
lb/inches (conversion of above dimensions) 110.2-2,204.6	2.95	7.52	1.63	0.31	0.98	4.92	1.18	0.43	2.89	2.36	2.20	$\frac{1}{2}$ -20 UNF Depth1.2	$\frac{5}{16}$ -18 UNC Depth0.8

SPECIFICATIONS

Full Scale Output	2.0 mV/V \pm 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Reference Max. Platform Size	750 \times 750 mm
Non-linearity	$< \pm$ 0.017%	Insulation Resistance	$>$ 2 [50V DC] G Ω
Repeatability	$< \pm$ 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	$< \pm$ 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	$< \pm$ 0.023%	Breaking Overload	300% of full scale
Input Resistance	415 $\Omega \pm$ 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 $\Omega \pm$ 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum		

PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
50kg	108UA-50kg	2.7
	108UAUN-50kg	2.7
100kg	108UA-100kg	2.7
	108UAUN-100kg	2.7
150kg	108UA-150kg	2.7
	108UAUN-150kg	2.7
200kg	108UA-200kg	2.7
	108UAUN-200kg	2.7
300kg	108UA-300kg	2.7
	108UAUN-300kg	2.7
500kg	108UA-500kg	2.7
	108UAUN-500kg	2.7
635kg	108UA-635kg	2.7
	108UAUN-635kg	2.7
700kg	108UA-700kg	2.7
	108UAUN-700kg	2.7
1t	108UA-1t	2.7
	108UAUN-1t	2.7

INTERCHANGEABLE PRODUCTS

108UAUN Manufacturer	Model
ANYLOAD	651BAUN
Coti Global	CG-50
FLINTEC	PCB*
HBM	PW12B
HBM	PW12
Rice Lake	RL1250
Vishay Celtron	LOC
Vishay Revere Transducers	652
Vishay Sensortronics	60060
Vishay TedeA-Huntleigh	1250

* Flintec PCB is of stainless steel construction, hermetically sealed
Flintec PCB has 3 version: PCB, PCBB, PCBC, Anyload's 108UAUN is interchangeable to PCB version.

50kg-500kg: NTEP 1:5 000 Class III, Single Cell;
635kg-1t: NTEP 1:4 000 Class III, Single Cell

50kg-500kg: OIML MAA C5, Y=12 300;
635kg-1t: OIML MAA C4, Y=4 000