



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T
651KS22: kg/mm 50-500	65.0	150.0	38.0	86.6	25.4	6.3	38.0	25.4	M8 Depth16
lb/inches (conversion of above dimensions) 110.2-1102.3	2.56	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth0.63
651KSGS: kg/mm 100-250	73.0	150.0	38.1	86.5	25.4	6.4	38.0	25.4	M8 Depth12
lb/inches (conversion of above dimensions) 220.5-551.2	2.87	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth0.47

SPECIFICATIONS

Full Scale Output	2.0 ± 10% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	600 × 600 mm
Non-linearity	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Insulation Resistance	>2 [50V DC] GΩ
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	385Ω ± 15	Seal Type / IP Rating	651KS22: Welded Seal / IP68/IP69K 651KSGS: Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
50kg.....	651KS22-50kg	2.3
100kg.....	651KS22-100kg	2.3
	651KSGS-100kg	2.5
250kg.....	651KS22-250kg	2.3
	651KSGS-250kg	2.5
500kg.....	651KS22-500kg.....	2.3

651KS22-50kg: NTEP 1:10 000 Class III, Single Cell;
651KS22-100kg, 250kg & 500kg: NTEP 1:5 000 Class III, Single Cell;

651KS22-50kg & 100kg: OIML C9, Y=18 000;
651KS22-250kg & 500kg: OIML C4, Y=26 000

INTERCHANGEABLE PRODUCTS

651KS22 Manufacturer	Model
Mettler-Toledo.....	SSH
Vishay Tedeia-Huntleigh.....	1510*

* H of Tedeia 1510 is of 73mm.