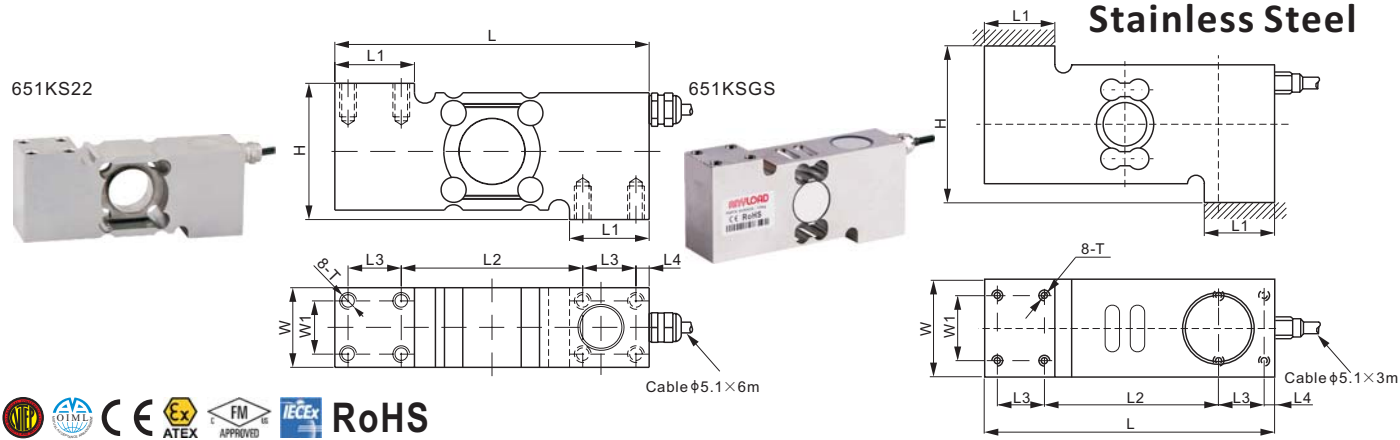




DIMENSIONS

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 Depth 16
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 Depth 0.63
651KSGS: kg/mm 100–250	73.0	150.0	38.1	86.5	25.4	6.4	38.0	25.4	M8 Depth 12
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 Depth 0.47

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 10%	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
Element Material	17-4PH Stainless Steel		Sig+ Green Sig- White Shield Bare

PART NUMBER*		
Rated Capacity	Part No.	Weight Approx. (kg)
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
	651KSGS-500kg.....	2.5

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

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

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

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INTERCHANGEABLE REFERENCE	
651KS22 Brand	Model
Flintec.....	PC7*
Mettler-Toledo.....	SSH
Vishay Tedea-Huntleigh.....	1510*

* H of Flintec PC7 & Tedea 1510 are of 73mm.

Product Datasheet Disclaimer

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