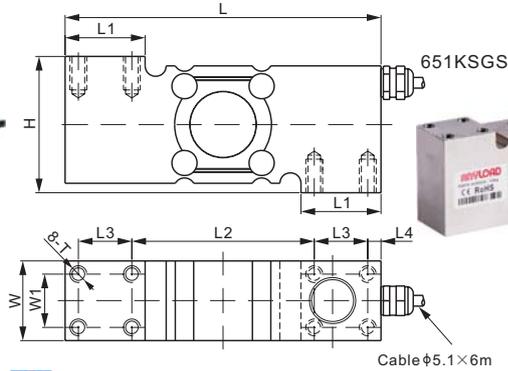
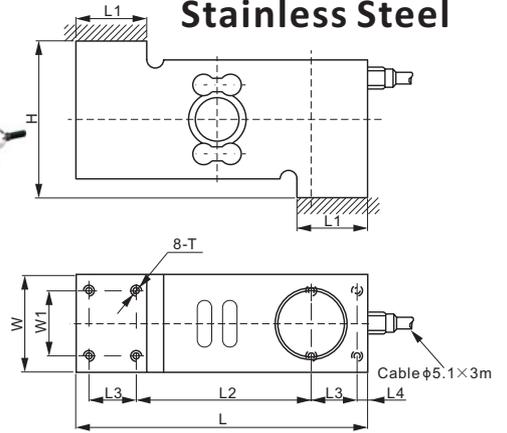


651KS22



651KSGS



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] G Ω |
| 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 | 385 Ω ± 15 | Seal Type / IP Rating | 651KS22: Welded Seal / IP68/IP69K 651KSGS: Environmentally Sealed / IP66 |
| Output Resistance | 350 Ω ± 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. | 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

Flintec..... PC7*

Mettler-Toledo..... SSH

Vishay TedeA-Huntleigh..... 1510*

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

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