

651KS22; 651KSGS

Stainless Steel

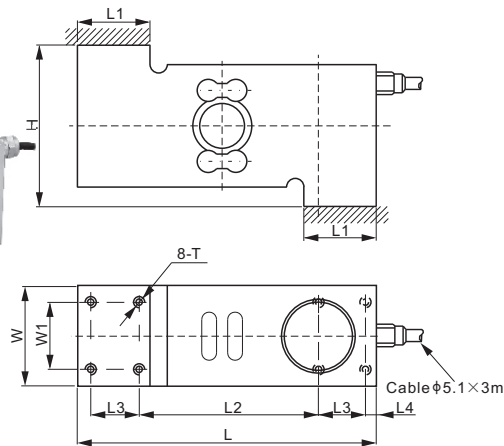
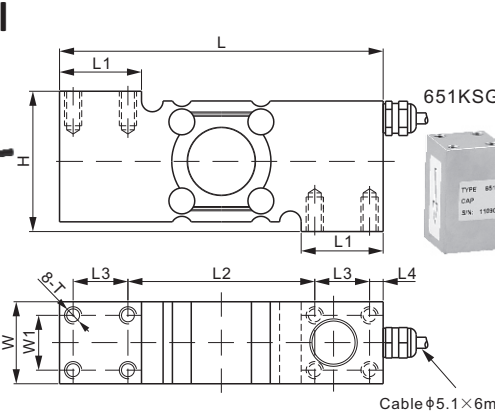
651KS22



651KSGS



RoHS



DIMENSIONS

| RATED CAPACITY                                             | H    | L     | L1   | L2   | L3   | L4   | W    | W1   | T            |
|------------------------------------------------------------|------|-------|------|------|------|------|------|------|--------------|
| <b>651KS22:</b><br>kg/mm<br>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)<br>110.2-1102.3 | 2.56 | 5.91  | 1.50 | 3.41 | 1.00 | 0.25 | 1.50 | 1.00 | M8 Depth0.63 |
| <b>651KSGS:</b><br>kg/mm<br>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)<br>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 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<br>651KSGS: Environmentally Sealed / IP66 |
| Output Resistance | 350Ω ± 3                               | Cable Color Code              | Exc+ Red    Exc- Black<br>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 MAA C9, Y=18 000;  
651KS22-250kg & 500kg: OIML MAA C4, Y=26 000

INTERCHANGEABLE PRODUCTS

| 651KS22<br>Manufacturer      | Model |
|------------------------------|-------|
| Flintec.....                 | PC7*  |
| Mettler-Toledo.....          | SSH   |
| Vishay Tedeia-Huntleigh..... | 1510* |

\* H of Tedeia 1510 is of 73mm.