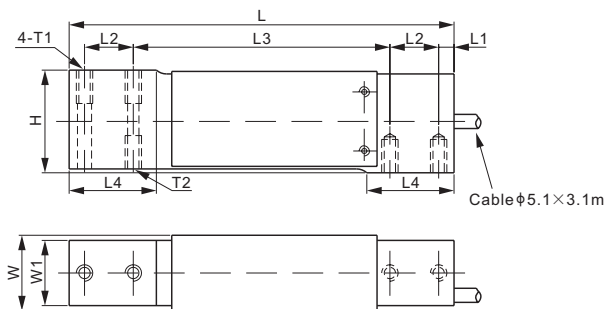


651TA; 651TAUN

Aluminum



DIMENSIONS

| RATED CAPACITY | H | L | L1 | L2 | L3 | L4 | W | W1 | T1 | T2 |
|---|------|-------|------|------|-------|------|------|------|----------------------|----------------------|
| 651TA: | | | | | | | | | | |
| kg/mm | | | | | | | | | | |
| 10-200 | 40.0 | 150.0 | 6.0 | 19.0 | 100.0 | 34.0 | 29.4 | 25.4 | M6 Depth13 | M6 Depth13 |
| lb/inches (conversion of above dimensions) | | | | | | | | | | |
| 22.05-440.92 | 1.57 | 5.91 | 0.23 | 0.75 | 3.94 | 1.34 | 1.16 | 1.00 | M6 Depth0.51 | M6 Depth0.51 |
| 651TAUN: | | | | | | | | | | |
| kg/mm | | | | | | | | | | |
| 10-200 | 40.0 | 150.0 | 6.0 | 19.0 | 100.0 | 34.0 | 29.4 | 25.4 | 1/4-20 UNC Depth13 | 1/4-28 UNF Depth13 |
| lb/inches (conversion of above dimensions) | | | | | | | | | | |
| 22.05-440.92 | 1.57 | 5.91 | 0.23 | 0.75 | 3.94 | 1.34 | 1.16 | 1.00 | 1/4-20 UNC Depth0.51 | 1/4-28 UNF Depth0.51 |

SPECIFICATIONS

| | | | |
|-------------------|--------------------------|------------------------------|---|
| Full Scale Output | 2.0 mV/V ± 10% | Recommended Excitation | 10V (15V Maximum) |
| Zero Balance | ± 0.02 mV/V | Reference Max. Platform Size | 450 × 500 mm |
| Non-linearity | < ± 0.017% | Insulation Resistance | > 2 [50V DC] GΩ |
| Repeatability | < ± 0.017% | Nominal Temperature Range | -10°C to 40°C / 14°F to 104°F |
| Hysteresis Error | < ± 0.017% | Safe Overload | 150% of full scale |
| Creep in 30 min. | < ± 0.023% | Breaking Overload | 300% of full scale |
| Input Resistance | 415Ω ± 15 | Seal Type / IP Rating | Environmentally Sealed, Potted / IP66 |
| Output Resistance | 350Ω ± 3 | Cable Color Code | Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare |
| Element Material | Aluminum, Clear Anodized | | |

PART NUMBER*

| Rated Capacity | Part No. | Weight Approx. (kg) |
|----------------|--------------------|------------------------|
| 10kg..... | 651TA-10kg..... | 0.5 |
| | 651TAUN-10kg..... | 0.5 |
| 15kg..... | 651TA-15kg..... | 0.5 |
| | 651TAUN-15kg..... | 0.5 |
| 20kg..... | 651TA-20kg..... | 0.5 |
| | 651TAUN-20kg..... | 0.5 |
| 30kg..... | 651TA-30kg..... | 0.5 |
| | 651TAUN-30kg..... | 0.5 |
| 50kg..... | 651TA-50kg..... | 0.5 |
| | 651TAUN-50kg..... | 0.5 |
| 75kg..... | 651TA-75kg..... | 0.5 |
| | 651TAUN-75kg..... | 0.5 |
| 100kg..... | 651TA-100kg..... | 0.5 |
| | 651TAUN-100kg..... | 0.5 |
| 200kg..... | 651TA-200kg..... | 0.5 |
| | 651TAUN-200kg..... | 0.5 |

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

INTERCHANGEABLE REFERENCE

| Brand | Model |
|-----------------------------|-------------------------------------|
| 651TA | |
| Mettler-Toledo..... | MT1041 |
| Vishay Tedea-Huntleigh..... | 1040 (mounting hole: M6) |
| Vishay Tedea-Huntleigh..... | 1041 (mounting hole: M6) |
| 651TAUN | |
| Coti Global..... | CG-40 |
| Rice Lake..... | RL1040 |
| Vishay Celtron..... | LOC |
| Vishay Tedea-Huntleigh..... | 1040 (mounting hole: 1/4"-28UNF) |
| Vishay Tedea-Huntleigh..... | 1041 (mounting hole: 1/4"-28UNF) |

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