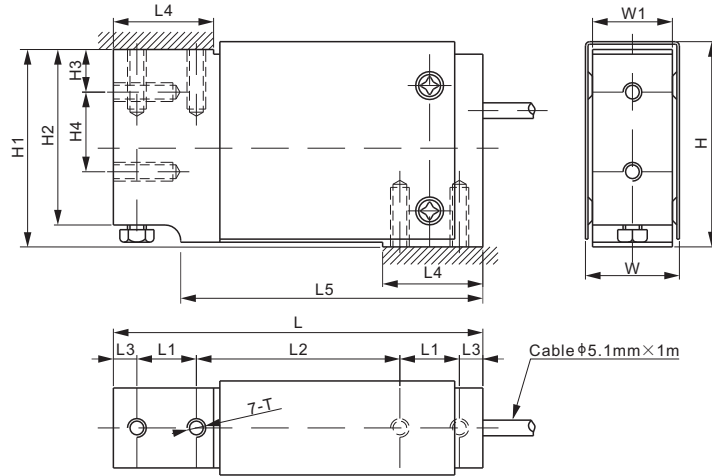


# 651AA

## Aluminum

# ANYLOAD



CE RoHS

### DIMENSIONS

| RATED CAPACITY                                    | H    | H1   | H2   | H3   | H4   | L     | L1   | L2   | L3   | L4   | L5   | W    | W1   | T              |
|---------------------------------------------------|------|------|------|------|------|-------|------|------|------|------|------|------|------|----------------|
| <b>kg/mm</b>                                      |      |      |      |      |      |       |      |      |      |      |      |      |      |                |
| 10-100                                            | 65.5 | 63.0 | 56.0 | 13.6 | 25.4 | 118.0 | 19.1 | 65.0 | 7.5  | 32.0 | 96.5 | 30.0 | 25.5 | M6X1 Depth19   |
| <b>lb/inches</b> (conversion of above dimensions) |      |      |      |      |      |       |      |      |      |      |      |      |      |                |
| 22-220.5                                          | 2.58 | 2.48 | 2.21 | 0.54 | 1.00 | 4.65  | 0.75 | 2.56 | 0.30 | 1.26 | 3.80 | 1.18 | 1.00 | M6X1 Depth0.75 |

### SPECIFICATIONS

|                          |                     |                                     |                                                                   |
|--------------------------|---------------------|-------------------------------------|-------------------------------------------------------------------|
| <b>Full Scale Output</b> | 2.0 mV/V $\pm$ 10%  | <b>Recommended Excitation</b>       | 10V (15V Maximum)                                                 |
| <b>Zero Balance</b>      | $\pm$ 0.02 mV/V     | <b>Reference Max. Platform Size</b> | 400 $\times$ 400 mm                                               |
| <b>Non-linearity</b>     | $< \pm$ 0.017%      | <b>Insulation Resistance</b>        | $> 2 [ 50V DC ] G\Omega$                                          |
| <b>Repeatability</b>     | $< \pm$ 0.017%      | <b>Nominal Temperature Range</b>    | -10°C to 40°C / 14°F to 104°F                                     |
| <b>Hysteresis Error</b>  | $< \pm$ 0.017%      | <b>Safe Overload</b>                | 150% of full scale                                                |
| <b>Creep in 30 min.</b>  | $< \pm$ 0.023%      | <b>Breaking Overload</b>            | 300% of full scale                                                |
| <b>Input Resistance</b>  | 415 $\Omega \pm 15$ | <b>Seal Type / IP Rating</b>        | Environmentally Sealed / IP66                                     |
| <b>Output Resistance</b> | 350 $\Omega \pm 3$  | <b>Cable Color Code</b>             | Exc+ Red    Exc- Black<br>Sig+ Green    Sig- White    Shield Bare |
| <b>Element Material</b>  | Aluminum            |                                     |                                                                   |

### PART NUMBER

| Rated Capacity | Part No.         | Weight (kg) Approx. |
|----------------|------------------|---------------------|
| 10kg.....      | 651AA-10kg.....  | 0.5                 |
| 15kg.....      | 651AA-15kg.....  | 0.5                 |
| 30kg.....      | 651AA-30kg.....  | 0.5                 |
| 50kg.....      | 651AA-50kg.....  | 0.5                 |
| 100kg.....     | 651AA-100kg..... | 0.5                 |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                 | Model   |
|------------------------------|---------|
| Coti Global .....            | CG-1010 |
| HBM.....                     | SP10*   |
| Rice Lake.....               | RL1010* |
| Vishay Tedea-Huntleigh ..... | 1010*   |
| Vishay Tedea-Huntleigh ..... | 1015    |

\* HBM SP10, Rice Lake RL1010, Vishay Tedea-Huntleigh 1010 are of imperial thread 1/4"-20 UNC