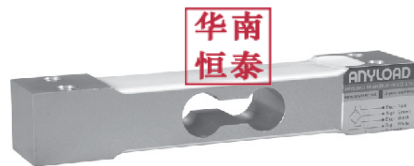
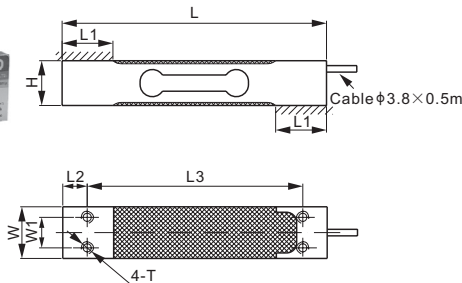


# 108BA

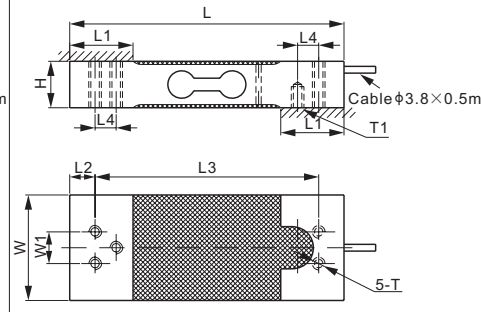
## Aluminum



Capacity: 3-75kg



Capacity: 100kg; 150kg



### DIMENSIONS

| RATED CAPACITY                                    | H    | L     | L1   | L2   | L3    | L4   | W    | W1   | T  | T1           |
|---|------|-------|------|------|-------|------|------|------|----|--------------|
| <b>kg/mm</b>                                      |      |       |      |      |       |      |      |      |    |              |
| 3-30  | 22.0 | 130.0 | 25.0 | 12.0 | 106.0 | -    | 25.4 | 15.0 | M6 | -            |
| 35  | 22.0 | 130.0 | 25.0 | 12.0 | 106.0 | -    | 30.0 | 15.0 | M6 | -            |
| 40  | 22.0 | 130.0 | 25.0 | 12.0 | 106.0 | -    | 38.5 | 15.0 | M6 | -            |
| 50; 60; 75  | 22.0 | 130.0 | 30.0 | 12.0 | 106.0 | -    | 38.5 | 15.0 | M6 | -            |
| 100; 150  | 22.0 | 130.0 | 30.0 | 12.0 | 106.0 | 10.0 | 50.0 | 15.0 | M6 | M6 Depth10   |
| <b>lb/inches</b> (conversion of above dimensions) |      |       |      |      |       |      |      |      |    |              |
| 6.61-66.14  | 0.87 | 5.12  | 0.98 | 0.47 | 4.17  | -    | 1.00 | 0.59 | M6 | -            |
| 77.16   | 0.87 | 5.12  | 0.98 | 0.47 | 4.17  | -    | 1.18 | 0.59 | M6 | -            |
| 88.18   | 0.87 | 5.12  | 0.98 | 0.47 | 4.17  | -    | 1.52 | 0.59 | M6 | -            |
| 110.23; 132.28; 165.35                            | 0.87 | 5.12  | 1.18 | 0.47 | 4.17  | -    | 1.52 | 0.59 | M6 | -            |
| 220.46; 330.69                                    | 0.87 | 5.12  | 1.18 | 0.47 | 4.17  | 0.39 | 1.97 | 0.59 | M6 | M6 Depth0.39 |

### SPECIFICATIONS

|                          |                |                                     |   |
|--------------------------|----------------|-------------------------------------|---|
| <b>Full Scale Output</b> | 2.0 mV/V ± 10% | <b>Recommended Excitation</b>       | 10V (15V Maximum)   |
| <b>Zero Balance</b>      | ± 0.02 mV/V    | <b>Reference Max. Platform Size</b> | 400×400 mm  |
| <b>Non-linearity</b>     | < ± 0.017%     | <b>Insulation Resistance</b>        | > 2 [ 50V DC ] GΩ   |
| <b>Repeatability</b>     | < ± 0.017%     | <b>Nominal Temperature Range</b>    | -10°C to 40°C / 14°F to 104°F                                       |
| <b>Hysteresis Error</b>  | < ± 0.017%     | <b>Safe Overload</b>                | 150% of full scale  |
| <b>Creep in 30 min.</b>  | < ± 0.023%     | <b>Breaking Overload</b>            | 300% of full scale  |
| <b>Input Resistance</b>  | 415 Ω ± 15     | <b>Seal Type / IP Rating</b>        | Environmentally Sealed / IP66                                       |
| <b>Output Resistance</b> | 350 Ω ± 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.           | Shipping Weight (kg) Approx. |
|----------------------|--------------------|------------------------------|
| 3kg.....             | 108BA-3kg.....     | 0.2                          |
| 6kg.....             | 108BA-6kg.....     | 0.2                          |
| 7kg.....             | 108BA-7kg.....     | 0.2                          |
| 10kg.....            | 108BA-10kg.....    | 0.2                          |
| 15kg.....            | 108BA-15kg.....    | 0.2                          |
| 20kg.....            | 108BA-20kg.....    | 0.2                          |
| 30kg.....            | 108BA-30kg.....    | 0.2                          |
| 35kg.....            | 108BA-35kg.....    | 0.2                          |
| 40kg (W=38.5mm)..... | 108BA-40kg.....    | 0.2                          |
| 40kg (W=30mm).....   | 108BA-W1-40kg..... | 0.2                          |
| 50kg.....            | 108BA-50kg.....    | 0.26                         |
| 60kg.....            | 108BA-60kg.....    | 0.26                         |
| 75kg.....            | 108BA-75kg.....    | 0.26                         |
| 100kg.....           | 108BA-100kg.....   | 0.35                         |
| 150kg.....           | 108BA-150kg.....   | 0.35                         |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                 | Model         |
|------------------------------|---------------|
| Coti Global.....             | CG-22         |
| Mettler-Toledo.....          | MT1022        |
| HBM.....                     | PW6C*         |
| HBM.....                     | PW6K          |
| Rice Lake.....               | RL1521A       |
| Vishay Celtron.....          | LPS ME 6-35kg |
| Vishay Tedeia-Huntleigh..... | 1022          |

\* Full scale output of PW6C: 2.2 ± 0.2% mV/V

### AVAILABLE OPTIONS

- 1m cable



NTEP 1:5 000 Class III, Single Cell



6kg-40kg: OIML MAA C4, Y=15 000;  
50kg-150kg: OIML MAA C5, Y=12 300