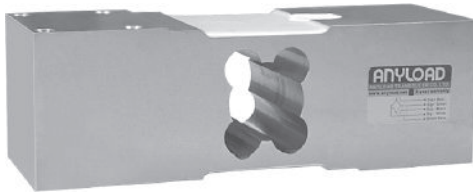


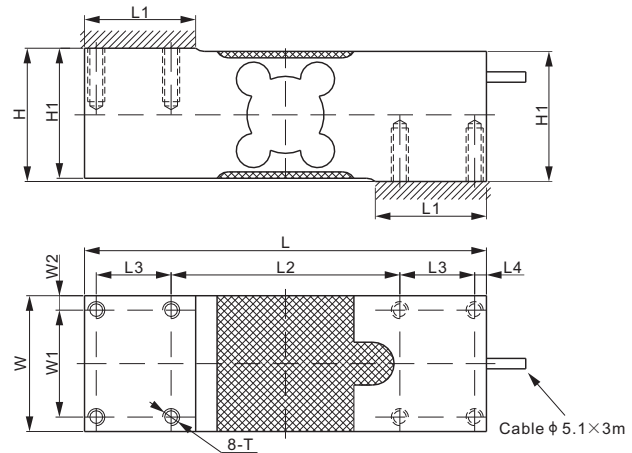
# 108MA; 108MAUN

ANYLOAD

## Aluminum



CE RoHS



### DIMENSIONS

| RATED CAPACITY                                    | H    | H1   | L     | L1   | L2    | L3   | L4   | W    | W1   | W2   | T                       |
|---------------------------------------------------|------|------|-------|------|-------|------|------|------|------|------|-------------------------|
| <b>108MAUN:</b>                                   |      |      |       |      |       |      |      |      |      |      |                         |
| <b>kg/mm</b>                                      |      |      |       |      |       |      |      |      |      |      |                         |
| 50-660                                            | 62.3 | 60.8 | 188.0 | 52.0 | 107.0 | 35.0 | 5.5  | 63.5 | 50.0 | 6.8  | 5/16-18 UNC-2B Depth20  |
| <b>lb/inches</b> (conversion of above dimensions) |      |      |       |      |       |      |      |      |      |      |                         |
| 110.23-1455.05                                    | 2.45 | 2.39 | 7.40  | 2.05 | 4.21  | 1.38 | 0.22 | 2.50 | 1.97 | 0.27 | 5/16-18 UNC-2B Depth0.8 |
| <b>108MA:</b>                                     |      |      |       |      |       |      |      |      |      |      |                         |
| <b>kg/mm</b>                                      |      |      |       |      |       |      |      |      |      |      |                         |
| 50-660                                            | 62.3 | 60.8 | 188.0 | 52.0 | 107.0 | 35.0 | 5.5  | 63.5 | 50.0 | 6.8  | M8 Depth20              |
| <b>lb/inches</b> (conversion of above dimensions) |      |      |       |      |       |      |      |      |      |      |                         |
| 110.23-1,455.05                                   | 2.45 | 2.39 | 7.40  | 2.05 | 4.21  | 1.38 | 0.22 | 2.50 | 1.97 | 0.27 | M8 Depth0.8             |

### 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> | 610 $\times$ 700 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>  | $< \pm 0.017\%$     | <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. |
|----------------|--------------------|---------------------|
| 50kg.....      | 108MA-50kg.....    | 1.9                 |
|                | 108MAUN-50kg.....  | 1.9                 |
| 75kg.....      | 108MA-75kg.....    | 1.9                 |
|                | 108MAUN-75kg.....  | 1.9                 |
| 100kg.....     | 108MA-100kg.....   | 1.9                 |
|                | 108MAUN-100kg..... | 1.9                 |
| 150kg.....     | 108MA-150kg.....   | 1.9                 |
|                | 108MAUN-150kg..... | 1.9                 |
| 200kg.....     | 108MA-200kg.....   | 1.9                 |
|                | 108MAUN-200kg..... | 1.9                 |
| 250kg.....     | 108MA-250kg.....   | 1.9                 |
|                | 108MAUN-250kg..... | 1.9                 |
| 300kg.....     | 108MA-300kg.....   | 1.9                 |
|                | 108MAUN-300kg..... | 1.9                 |
| 500kg.....     | 108MA-500kg.....   | 1.9                 |
|                | 108MAUN-500kg..... | 1.9                 |
| 635kg.....     | 108MA-635kg.....   | 1.9                 |
|                | 108MAUN-635kg..... | 1.9                 |
| 660kg.....     | 108MA-660kg.....   | 1.9                 |
|                | 108MAUN-660kg..... | 1.9                 |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                | Model   |
|-----------------------------|---------|
| <b>108MA</b>                |         |
| Mettler-Toledo.....         | MT1260  |
| <b>108MAUN</b>              |         |
| Coti Global.....            | CG-50-1 |
| HBM.....                    | PW16    |
| Rice Lake.....              | RL1260  |
| Vishay Tedeo-Huntleigh..... | 1260    |

### AVAILABLE OPTION

- stainless steel version of 108MAUN: 651KS55UN



50kg-500kg: NTEP 1:5 000 Class III, Single Cell;  
635kg-660kg: NTEP 1:4 000 Class III, Single Cell



50kg-500kg: OIML MAA C5, Y=12 300;  
635kg-660kg: OIML MAA C4, Y=4 000

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