

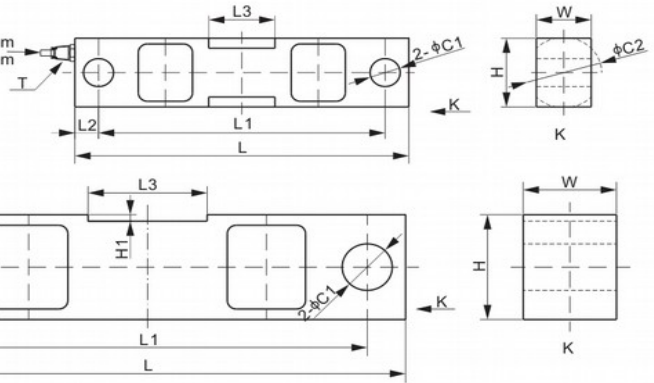
**ANYLOAD**
**102EH ~ Alloy Steel**


Capacity: 1K-60Klb

Capacity ≤ 35Klb Cable φ5.1 × 10m  
Capacity ≥ 50Klb Cable φ7.6 × 18m

Capacity: 75K-300Klb

Cable φ7.6 × 18m



CE RoHS

### DIMENSIONS

| RATED CAPACITY                                | C1   | C2   | H     | H1   | L     | L1    | L2   | L3    | W    | T          |
|-----------------------------------------------|------|------|-------|------|-------|-------|------|-------|------|------------|
| <b>Klb/inches</b>                             |      |      |       |      |       |       |      |       |      |            |
| 1-5                                           | 0.50 | 1.26 | 1.26  | -    | 7.50  | 6.25  | 0.62 | 1.22  | 1.26 | 1/4-18 NPT |
| 10-25                                         | 0.79 | 1.99 | 1.94  | -    | 8.74  | 7.50  | 0.62 | 1.73  | 1.44 | 1/4-18 NPT |
| 35                                            | 0.79 | 2.50 | 2.50  | -    | 8.74  | 7.50  | 0.62 | 1.73  | 1.50 | 1/4-18 NPT |
| 50                                            | 1.31 | 2.99 | 2.95  | -    | 13.50 | 11.50 | 1.00 | 3.15  | 2.44 | 1/2-14 NPT |
| 60                                            | 1.31 | 2.99 | 2.95  | -    | 13.50 | 11.50 | 1.00 | 3.15  | 2.44 | 1/2-14 NPT |
| 75                                            | 1.31 | -    | 2.95  | 0.18 | 13.50 | 11.50 | 1.00 | 3.11  | 2.44 | 1/2-14 NPT |
| 100-125                                       | 1.63 | -    | 3.94  | 0.25 | 18.50 | 15.00 | 1.75 | 3.25  | 2.94 | 1/2-14 NPT |
| 200                                           | 2.13 | -    | 5.79  | 0.50 | 20.50 | 17.00 | 1.75 | 4.13  | 3.80 | 1/2-14 NPT |
| 300                                           | 2.63 | -    | 5.79  | 0.50 | 23.50 | 18.74 | 2.38 | 5.13  | 3.80 | 1/2-14 NPT |
| <b>kg/mm (conversion of above dimensions)</b> |      |      |       |      |       |       |      |       |      |            |
| 453.6-2,268                                   | 12.7 | 32.0 | 32.0  | -    | 190.5 | 158.8 | 15.9 | 31.0  | 32.0 | 1/4-18 NPT |
| 4,535.9-11,339.8                              | 20.0 | 50.5 | 49.2  | -    | 222.0 | 190.5 | 15.8 | 44.0  | 36.5 | 1/4-18 NPT |
| 15,875.7                                      | 20.0 | 63.5 | 63.5  | -    | 222.0 | 190.5 | 15.8 | 44.0  | 38.1 | 1/4-18 NPT |
| 22,679.6                                      | 33.3 | 76.0 | 75.0  | -    | 343.0 | 292.0 | 25.5 | 80.0  | 62.0 | 1/2-14 NPT |
| 27,215.5                                      | 33.3 | 76.0 | 75.0  | -    | 343.0 | 292.0 | 25.5 | 80.0  | 62.0 | 1/2-14 NPT |
| 34,019.4                                      | 33.3 | -    | 75.0  | 4.6  | 343.0 | 292.0 | 25.5 | 79.2  | 62.0 | 1/2-14 NPT |
| 45,359.2-56,699                               | 41.4 | -    | 100.0 | 6.4  | 470.0 | 381.0 | 44.5 | 82.6  | 74.7 | 1/2-14 NPT |
| 90,718.5                                      | 54.0 | -    | 147.0 | 12.7 | 520.7 | 431.7 | 44.5 | 105.0 | 96.5 | 1/2-14 NPT |
| 136,077.7                                     | 66.8 | -    | 147.0 | 12.7 | 597.0 | 476.0 | 60.5 | 130.3 | 96.5 | 1/2-14 NPT |

### SPECIFICATIONS

|                          |                                                    |                                      |                                                                       |
|--------------------------|----------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|
| <b>Full Scale Output</b> | 3.0 ± 0.25% mV/V                                   | <b>Recommended Excitation</b>        | 10V (15V Maximum)                                                     |
| <b>Zero Balance</b>      | ± 0.02 mV/V                                        | <b>Insulation Resistance</b>         | >2 [ 50V DC ] GΩ                                                      |
| <b>Non-linearity</b>     | Cap. ≤ 125Klb: < ± 0.050%; Cap. ≥ 200Klb: < ± 0.1% | <b>Compensated Temperature Range</b> | -10°C to 50°C / 14°F to 122°F                                         |
| <b>Repeatability</b>     | < ± 0.030%                                         | <b>Safe Overload</b>                 | 150% of full scale                                                    |
| <b>Hysteresis Error</b>  | Cap. ≤ 125Klb: < ± 0.030%; Cap. ≥ 200Klb: < ± 0.1% | <b>Breaking Overload</b>             | 300% of full scale                                                    |
| <b>Creep in 30 min.</b>  | < ± 0.030%                                         | <b>Seal Type / IP Rating</b>         | Environmentally Sealed / IP67                                         |
| <b>Input Resistance</b>  | 700Ω ± 10                                          | <b>Cable Color Code</b>              | Exc+ Red      Exc- Black<br>Sig+ Green      Sig- White<br>Shield Bare |
| <b>Output Resistance</b> | 700Ω ± 5                                           |                                      |                                                                       |
| <b>Element Material</b>  | Alloy Steel, Nickel Plated                         |                                      |                                                                       |

### PART NUMBER

| Rated Capacity | Part No.          | Shipping Weight (kg) Approx. |
|----------------|-------------------|------------------------------|
| 1Klb.....      | 102EH-1Klb.....   | 1.7                          |
| 1.5Klb.....    | 102EH-1.5Klb..... | 1.7                          |
| 2.5Klb.....    | 102EH-2.5Klb..... | 1.7                          |
| 5Klb.....      | 102EH-5Klb.....   | 1.7                          |
| 10Klb.....     | 102EH-10Klb.....  | 2.9                          |
| 15Klb.....     | 102EH-15Klb.....  | 2.9                          |
| 20Klb.....     | 102EH-20Klb.....  | 2.9                          |
| 25Klb.....     | 102EH-25Klb.....  | 2.9                          |
| 35Klb.....     | 102EH-35Klb.....  | 3.9                          |
| 50Klb.....     | 102EH-50Klb.....  | 11.3                         |
| 60Klb.....     | 102EH-60Klb.....  | 11.3                         |
| 75Klb.....     | 102EH-75Klb.....  | 11.3                         |
| 100Klb.....    | 102EH-100Klb..... | 23.0                         |
| 125Klb.....    | 102EH-125Klb..... | 23.0                         |
| 200Klb.....    | 102EH-200Klb..... | 48.0                         |
| 300Klb.....    | 102EH-300Klb..... | 50.0                         |

### WEIGH MODULE

| Model        | Page |
|--------------|------|
| 102EHM2..... | 120  |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                   | Model   |
|--------------------------------|---------|
| Coti Global.....               | CG-16   |
| Rice Lake.....                 | RL75016 |
| Vishay Celtron.....            | DSR     |
| Vishay Revere Transducers..... | 5203    |
| Vishay Sensortronics.....      | 65016   |