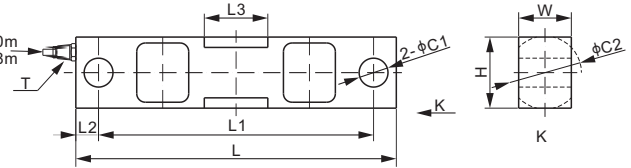




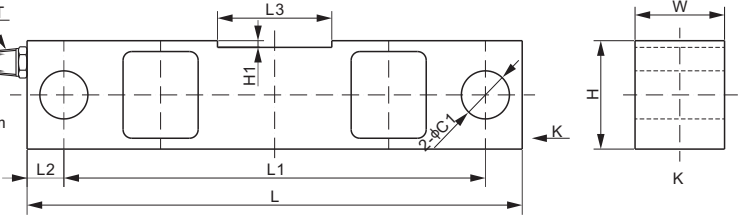
Capacity: 1K-60Klb

Capacity ≤ 35Klb Cable φ 5.1 × 10m
Capacity ≥ 50Klb Cable φ 7.6 × 18m



Capacity: 75K-300Klb

Cable φ 7.6 × 18m



CE RoHS

DIMENSIONS

| RATED CAPACITY | C1 | C2 | H | H1 | L | L1 | L2 | L3 | W | T |
|---|------|------|-------|------|-------|-------|------|-------|------|------------|
| lb/inches | | | | | | | | | | |
| 1,000-5,000 | 0.50 | 1.26 | 1.26 | - | 7.50 | 6.25 | 0.62 | 1.22 | 1.26 | 1/4-18 NPT |
| 10,000-25,000 | 0.79 | 1.99 | 1.94 | - | 8.74 | 7.50 | 0.62 | 1.73 | 1.44 | 1/4-18 NPT |
| 35,000 | 0.79 | 2.50 | 2.50 | - | 8.74 | 7.50 | 0.62 | 1.73 | 1.50 | 1/4-18 NPT |
| 50,000 | 1.31 | 2.99 | 2.95 | - | 13.50 | 11.50 | 1.00 | 3.15 | 2.44 | 1/2-14 NPT |
| 60,000 | 1.31 | 2.99 | 2.95 | - | 13.50 | 11.50 | 1.00 | 3.15 | 2.44 | 1/2-14 NPT |
| 75,000 | 1.31 | - | 2.95 | 0.18 | 13.50 | 11.50 | 1.00 | 3.11 | 2.44 | 1/2-14 NPT |
| 100,000-125,000 | 1.63 | - | 3.94 | 0.25 | 18.50 | 15.00 | 1.75 | 3.25 | 2.94 | 1/2-14 NPT |
| 200,000 | 2.13 | - | 5.79 | 0.50 | 20.50 | 17.00 | 1.75 | 4.13 | 3.80 | 1/2-14 NPT |
| 300,000 | 2.63 | - | 5.79 | 0.50 | 23.50 | 18.74 | 2.38 | 5.13 | 3.80 | 1/2-14 NPT |
| kg/mm (conversion of above dimensions) | | | | | | | | | | |
| 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

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

PART NUMBER

| Rated Capacity | Part No. | Shipping Weight (kg) Approx. |
|----------------|--------------|------------------------------|
| 1Klb | 102EH-1Klb | 2.0 |
| 1.5Klb | 102EH-1.5Klb | 2.0 |
| 2.5Klb | 102EH-2.5Klb | 2.0 |
| 5Klb | 102EH-5Klb | 2.0 |
| 10Klb | 102EH-10Klb | 3.0 |
| 15Klb | 102EH-15Klb | 3.0 |
| 20Klb | 102EH-20Klb | 3.0 |
| 25Klb | 102EH-25Klb | 3.0 |
| 35Klb | 102EH-35Klb | 4.0 |
| 50Klb | 102EH-50Klb | 11.0 |
| 60Klb | 102EH-60Klb | 11.0 |
| 75Klb | 102EH-75Klb | 11.0 |
| 100Klb | 102EH-100Klb | 23.0 |
| 125Klb | 102EH-125Klb | 23.0 |
| 200Klb | 102EH-200Klb | 43.5 |
| 300Klb | 102EH-300Klb | 50.0 |

WEIGH MODULE

| Model | Page |
|---------|------|
| 102EHM2 | 104 |

INTERCHANGEABLE PRODUCTS

| Manufacturer | Model |
|---------------------------|--------------|
| Rice Lake |RL75016 |
| Vishay Celtron |DSR |
| Vishay Revere Transducers |5203 |
| Vishay Sensortronics |65016 |