



DIMENSIONS

| RATED CAPACITY | H | L | W | W1 | T |
|---|-------|-------|------|------|-----------------|
| lb/inches | | | | | |
| 50-250 | 2.50 | 2.00 | 0.50 | 0.65 | 1/4-28 UNF-2B |
| 500 | 3.00 | 2.00 | 0.75 | 0.89 | 1/2-20 UNF-2B |
| 1,000-3,000 | 3.00 | 2.00 | 1.11 | - | 1/2-20 UNF-2B |
| 5,000; 10,000 | 4.00 | 3.00 | 1.00 | - | 3/4-16 UNF-2B |
| 15,000 | 5.50 | 4.00 | 1.25 | - | 1-14 UNS-2B |
| 20,000 | 7.00 | 5.00 | 2.00 | - | 1 1/4-12 UNF-2B |
| kg/mm (conversion of above dimensions) | | | | | |
| 22.68-113.4 | 63.5 | 50.8 | 12.7 | 16.6 | 1/4-28 UNF-2B |
| 226.8 | 76.2 | 50.8 | 19.1 | 19.0 | 1/2-20 UNF-2B |
| 453.6-1,360.8 | 76.2 | 50.8 | 28.2 | - | 1/2-20 UNF-2B |
| 2,268; 4,535.9 | 101.6 | 76.2 | 25.4 | - | 3/4-16 UNF-2B |
| 6,803.9 | 139.7 | 101.6 | 31.8 | - | 1-14 UNS-2B |
| 9,071.8 | 177.8 | 127.0 | 50.8 | - | 1 1/4-12 UNF-2B |

SPECIFICATIONS

| | | | |
|--------------------------|------------------------|--------------------------------------|---|
| Full Scale Output | 3.0 mV/V ± 1% | Recommended Excitation | 10V (15V Maximum) |
| Zero Balance | ± 0.02 mV/V | Insulation Resistance | >2 [50V DC] GΩ |
| Non-linearity | < ± 0.017% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability | < ± 0.017% | Safe Overload | 150% of full scale |
| Hysteresis Error | < ± 0.017% | Breaking Overload | 300% of full scale |
| Creep in 30 min. | < ± 0.023% | Seal Type / IP Rating | Cap. ≤ 500lb: Environmentally Sealed / IP66 |
| Input Resistance | 350Ω ± 7 | Cable Color Code | Cap. ≥ 1Klb: Environmentally Sealed / IP67 |
| Output Resistance | 350Ω ± 3 | | Exc+ Red Exc- Black |
| Element Material | 17-4PH Stainless Steel | | Sig+ Green Sig- White Shield Bare |

PART NUMBER

| Rated Capacity | Part No. | Weight (kg) Approx. |
|----------------|----------------|---------------------|
| 50lb | 101NSGS-50lb | 0.5 |
| 100lb | 101NSGS-100lb | 0.5 |
| 250lb | 101NSGS-250lb | 0.5 |
| 500lb | 101NSGS-500lb | 0.7 |
| 1Klb | 101NSGS-1Klb | 0.8 |
| 2Klb | 101NSGS-2Klb | 0.8 |
| 2.5Klb | 101NSGS-2.5Klb | 0.8 |
| 3Klb | 101NSGS-3Klb | 0.8 |
| 5Klb | 101NSGS-5Klb | 1.3 |
| 10Klb | 101NSGS-10Klb | 1.3 |
| 15Klb | 101NSGS-15Klb | 3.0 |
| 20Klb | 101NSGS-20Klb | 6.8 |

INTERCHANGEABLE PRODUCTS

| Manufacturer | Model |
|---------------------------|------------|
| Coti Global | CGSB-SS |
| Rice Lake | RL20000 SS |
| Rice Lake | RL20000 ST |
| Vishay Celtron | STC-SS |
| Vishay Revere Transducers | 9363 |
| Vishay Sensortronics | 60050 |

100lb-500lb: NTEP 1:4 500 Class III, Single Cell;
 1Klb-20Klb: NTEP 1:5 500 Class III, Single Cell
 200kg-1.5t: OIML MAA C3, Y=17 000;
 2t-10t: OIML MAA C4.5, Y=14 000