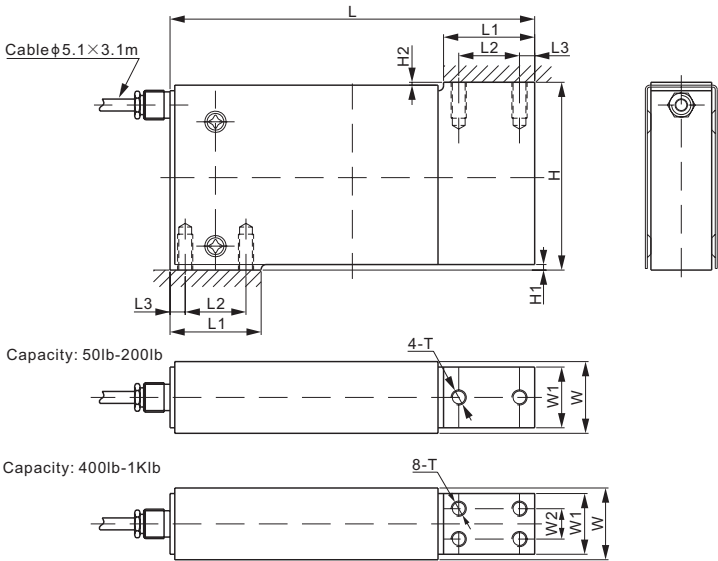




DIMENSIONS

| RATED CAPACITY                                | H    | H1   | H2   | L     | L1   | L2   | L3   | W    | W1   | W2   | T                        |
|-----------------------------------------------|------|------|------|-------|------|------|------|------|------|------|--------------------------|
| <b>lb/inches</b>                              |      |      |      |       |      |      |      |      |      |      |                          |
| 50-200                                        | 3.09 | 0.09 | 0.04 | 6.00  | 1.50 | 1.00 | 0.25 | 1.18 | 1.00 | -    | 1/4-28 UNF-2B Depth0.75  |
| 400-500                                       | 3.09 | 0.09 | 0.04 | 6.00  | 1.50 | 1.00 | 0.25 | 1.18 | 1.00 | 0.50 | 1/4-28 UNF-2B Depth0.75  |
| 1,000                                         | 3.09 | 0.09 | 0.18 | 6.00  | 1.50 | 1.00 | 0.25 | 1.69 | 1.50 | 1.00 | 5/16-24 UNF-2B Depth0.75 |
| <b>kg/mm</b> (conversion of above dimensions) |      |      |      |       |      |      |      |      |      |      |                          |
| 22.7-90.8                                     | 78.5 | 2.3  | 1.2  | 152.4 | 38.1 | 25.4 | 6.4  | 30.0 | 25.4 | -    | 1/4-28 UNF-2B Depth19.0  |
| 181.6-227                                     | 78.5 | 2.3  | 1.2  | 152.4 | 38.1 | 25.4 | 6.4  | 30.0 | 25.4 | 12.7 | 1/4-28 UNF-2B Depth19.0  |
| 454                                           | 78.5 | 2.3  | 4.6  | 152.4 | 38.1 | 25.4 | 6.4  | 43.0 | 38.1 | 25.4 | 5/16-24 UNF-2B Depth19.0 |

| SPECIFICATIONS    |                       |                               |                                                                   |
|-------------------|-----------------------|-------------------------------|-------------------------------------------------------------------|
| Full Scale Output | 2.0 mV/V ± 10%        | Recommended Excitation        | 10V (15V Maximum)                                                 |
| Zero Balance      | ± 0.02 mV/V           | Reference Max. Platform Size  | Capacity ≤ 500lb: 500 × 500 mm<br>Capacity ≥ 1Klb: 750 × 750 mm   |
| Non-linearity     | < ± 0.017%            | Insulation Resistance         | > 2 [ 50V DC ] GΩ                                                 |
| Repeatability     | < ± 0.017%            | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F                                     |
| Hysteresis Error  | < ± 0.017%            | Safe Overload                 | 150% of full scale                                                |
| Creep in 30 min.  | < ± 0.023%            | Breaking Overload             | 300% of full scale                                                |
| Input Resistance  | 385Ω ± 15             | Seal Type / IP Rating         | Environmentally Sealed / IP66                                     |
| Output Resistance | 350Ω ± 5              | Cable Color Code              | Exc+ Red    Exc- Black<br>Sig+ Green    Sig- White    Shield Bare |
| Element Material  | 2Cr13 Stainless Steel |                               |                                                                   |

| PART NUMBER*   |                       |                     |
|----------------|-----------------------|---------------------|
| Rated Capacity | Part No.              | Weight Approx. (kg) |
| 50lb.....      | 108TSVS-50lb-YZ.....  | 1.8                 |
| 100lb.....     | 108TSVS-100lb-YZ..... | 1.8                 |
| 200lb.....     | 108TSVS-200lb-YZ..... | 1.8                 |
| 400lb.....     | 108TSVS-400lb-YZ..... | 1.8                 |
| 500lb.....     | 108TSVS-500lb-YZ..... | 1.8                 |
| 1Klb.....      | 108TSVS-1Klb-YZ.....  | 2.6                 |

| INTERCHANGEABLE REFERENCE |          |
|---------------------------|----------|
| Brand                     | Model    |
| Coti Global.....          | CG-60048 |
| Vishay Sensortronics..... | 60048    |

\* ATEX, FM, IECEx approved versions carry the “-Ex” suffix.