



DIMENSIONS

| RATED CAPACITY                         | C1   | C2   | H    | L    | L1   | L2   | L3   | L4   | L5   |
|----------------------------------------|------|------|------|------|------|------|------|------|------|
| lb/inches                              |      |      |      |      |      |      |      |      |      |
| 25-500                                 | 1.30 | 0.26 | 0.62 | 2.81 | 1.81 | 0.50 | 0.25 | 0.50 | 1.00 |
| kg/mm (conversion of above dimensions) |      |      |      |      |      |      |      |      |      |
| 11.34-226.8                            | 33.0 | 6.6  | 15.7 | 71.4 | 46.0 | 12.7 | 6.35 | 12.7 | 25.4 |

| SPECIFICATIONS    |                            |                               |                                                                     |
|-------------------|----------------------------|-------------------------------|---------------------------------------------------------------------|
| Full Scale Output | 3.0 mV/V ± 10%             | Recommended Excitation        | 10V (15V Maximum)                                                   |
| Zero Balance      | ± 0.02 mV/V                | Insulation Resistance         | >2 [ 50V DC ] GΩ                                                    |
| Combine error     | 0.03% of full scale        | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F                                       |
| Non-linearity     | < ± 0.030%                 | Safe Overload                 | 150% of full scale                                                  |
| Repeatability     | < ± 0.020%                 | Breaking Overload             | 300% of full scale                                                  |
| Hysteresis Error  | < ± 0.020%                 | Seal Type / IP Rating         | Environmentally Sealed / IP65                                       |
| Creep in 30 min.  | < ± 0.030%                 | Cable Color Code              | Exc+ Red      Exc- Black<br>Sig+ Green    Sig- White<br>Shield Bare |
| Input Resistance  | 400Ω ± 20                  |                               |                                                                     |
| Output Resistance | 350Ω ± 3                   |                               |                                                                     |
| Element Material  | Alloy Steel, Nickel Plated |                               |                                                                     |

| PART NUMBER*   |                  |                     |
|----------------|------------------|---------------------|
| Rated Capacity | Part No.         | Weight Approx. (kg) |
| 25lb.....      | 563SH-25lb.....  | 0.26                |
| 50lb.....      | 563SH-50lb.....  | 0.26                |
| 100lb.....     | 563SH-100lb..... | 0.47                |
| 150lb.....     | 563SH-150lb..... | 0.47                |
| 200lb.....     | 563SH-200lb..... | 0.47                |
| 250lb.....     | 563SH-250lb..... | 0.47                |
| 500lb.....     | 563SH-500lb..... | 0.47                |

| INTERCHANGEABLE REFERENCE      |         |
|--------------------------------|---------|
| Brand                          | Model   |
| Artech.....                    | 50210   |
| Rice Lake.....                 | RL50210 |
| Vishay Revere Transducers..... | 5503    |
| Vishay Sensortronics.....      | 60040   |

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