



## TECHNICAL SPECIFICATION

|                       |                                                                                                                       |                        |                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------|-----------------|
| Capacity              | 0 ~ 0.2t, 3t, 5t, 10t                                                                                                 | Material               | Stainless Steel |
| Rated Output          | 1.0 ± 10% mV / V                                                                                                      | Output Impedance       | 700 ± 3 Ω       |
| Zero Balance          | ± 2 % F.S.                                                                                                            | Insulation             | ≥ 5000MΩ/100VDC |
| Non-linearity         | 0.5 % F.S.                                                                                                            | Recommended Excitation | 10V             |
| Hysteresis            | 0.5 % F.S.                                                                                                            | Maximum Excitation     | 15V             |
| Repeatability         | 0.5 % F.S.                                                                                                            | Compensated Temp Range | - 10 ~ 60 °C    |
| 30 Creep (30min)      | 0.05 % F.S.                                                                                                           | Operating Temp Range   | - 20 ~ 80 °C    |
| Temp Effect on Output | 0.05 % F.S. / 10°C                                                                                                    | Safe Load Limit        | 120%            |
| Temp Effect on Zero   | 0.05 % F.S. / 10°C                                                                                                    | Ultimate Load Limit    | 200%            |
| Input Impedance       | 750 ± 5 Ω                                                                                                             | Cable Size             | Ø 5x3m          |
| Wire Connection       | Ex +: Red; Ex -: Black; Sig +: Green; Sig -: White                                                                    |                        |                 |
| Applications          | Mainly applied in impact force testing equipment, pneumatic hydraulic equipment, powder metallurgy industry, and etc. |                        |                 |