

Low profile load cell

LOW PROFILE

- Capacities 5kN to 1000kN.
- Low profile design.
- Low deflection.
- High natural frequency.
- Excellent rejection of extraneous forces.
- Fatigue rated to 109 full cycles.



| Specifications | | Options | | | |
|----------------------------|------------------------|--------------------------------|--------|------------|---------|
| Full load output: | 2.0 (±0.25%) mV/V. | Other ranges | | | |
| Zero load output: | <±2.0%. | Full range of mounting options | | | |
| Excitation (Max): | 10 (15) V. | Connector version | | | |
| Accuracy: | <0.1%. | Double bridge version | | | |
| Repeatability: | <0.03%. | | | | |
| Input resistance: | 375 (±20) Ω. | | | | |
| Output resistance: | 350 Ω. | | | | |
| Compensated temp.: | 0°C to 60°C. | | | | |
| Operating temp. Range: | -20°C to 80°C. | | | | |
| Temp. Coefficient on zero: | <0.0050 % capacity/°C. | | | | |
| Temp. Coefficient on span: | <0.0050 % capacity/°C. | | | | |
| Safe overload: | 150%. | | | | |
| Insulation: | >500 @ 100Vdc MΩ. | | | | |
| IP class: | IP65. | | | | |
| Capacity (kN) | D (mm) | H (mm) | G (mm) | K (mm) | T (mm) |
| 5, 10, 25, 50 | 107 | 33 | 90 | 8 off Ø8.5 | M20 x 2 |
| 100, 200 | 155 | 45 | 130 | 12 off Ø11 | M36 x 2 |
| 500, 1000 | 280 | 78 | 230 | 16 off Ø17 | M64 x 6 |

