The GLBM Load button load cells are strain gauge based transducers with temperature compensation and excellent overall performance. This type provides a range of capacities up to 200kN with better than ±0.5% (full scale) non-linearity. Three tapped holes are provided on the underside for ease of mounting. Fully welded cover, amplified and digitized versions are available on request.

**PARAMETER** | **RANGE** | **NOTES**
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Capacity | 100, 200, 500, 1000, 2000, 5k, 10k, 15k, 20k, 50k, 100k, 150k, 200 kN | With metric threads as standard
Allowable maximum load | 150% full scale | No effect on performance
Non-linearity | ± 0.5% FS MAX | 
Hysteresis | ± 0.3% FS MAX | 
Repeatability | ± 0.1% FS MAX | 
Total error | ± 0.8% FS MAX | Non-linearity and hysteresis
Zero balance | 2% FS MAX | 
Zero temp coefficient | 0.01% FS / °C | 
Span temp coefficient | 0.02% FS / °C | 
Compensated temperature range | -15 °C TO 70 °C | Wider range available to order
Operating temperature range | -20 °C TO 80 °C | Wider range available to order
Output | 2mV/V Nominal (1mV/V for 100N) | Amplified and digitized versions available to order
IP Rating | IP64 – Bonded Cover | 
Excitation | 5V Recommended, 10V Max | Bonded cover is standard.
Bridge resistance | 350 Ohms – (100N – 500N) 700 Ohms – above 1kN |