

# Load Cell Central

1-800-LOADCEL

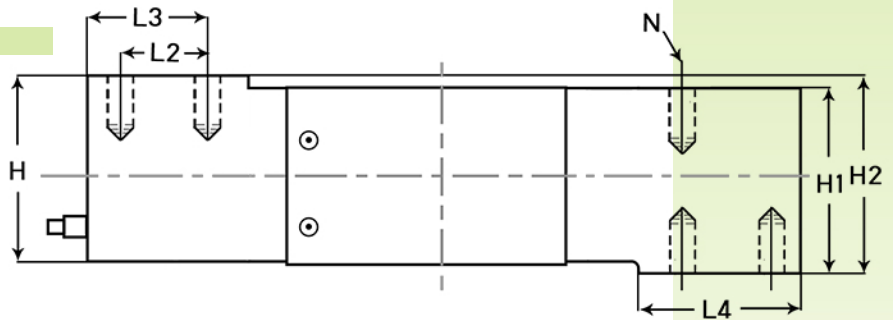
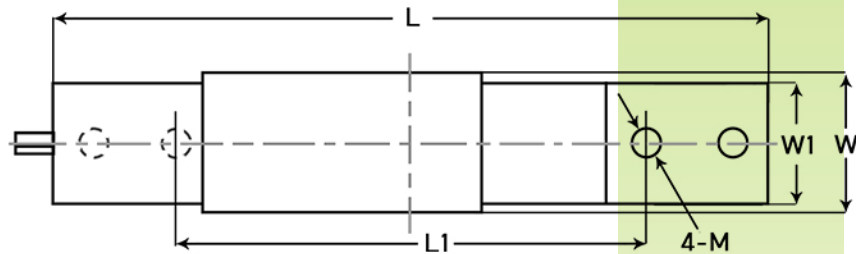
## Model: GCB3-SS/GCB3-SS-M

- Moment compensated load cell
- Compression
- Stainless steel
- IP66 environmental protection rating
- Capacities (Kg): 5, 8, 10, 15, 20, 30, 50, 75, 100, 150, 200



## Specifications:

Full scale output	2.0 mV/ V nom.
Combined error	<± 0.02% FSO
Non-linearity	<± 0.017% FSO
Hysteresis	<± 0.02% FSO
Non-repeatability	<± 0.01% FSO
Creep error	<± 0.016% FSO in 30 min
Zero balance	± 1.5% FSO
Compensated temperature range	-10°C - 40°C (14°F - 104°F)
Operating temperature range	-35°C - 65°C (-31°F - 149°F)
Temperature effect on output	≤ 0.011% FSO / 10°C (18°F)
Temperature effect on zero	≤ 0.015% FSO / 10°C (18°F)
Input resistance	384 Ω ± 4 Ω
Output resistance	351 Ω ± 2 Ω
Insulation resistance	≥ 5,000 MΩ at 50 VDC
Recommended excitation	5-12 VDC (18 VDC Maximum)
Cable length	3 m (10 ft)
Safe overload	150% RC
Ultimate overload	300% RC
Material	Stainless steel



## Dimensions:

Model	L	L1	L2	L3	H/H1	H2	W	W1	M/N thread depth	M/N hole depth	øM	øN
GCB3-SS (in)	5.91	3.94	0.75	0.98	1.5	1.57	1.23	1.0	0.59	0.71	1/4-20-UNC-2B	1/4-28-UNF-2B
GCB3-SS-M (mm)	150	100	19.05	25	38	40	38.3	25.4	15	18	M6-6H	M6-6H

dimensions apply for all capacities 5 KG - 200 KG

## Wiring Code

+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
+Sense	N/A
-Sense	N/A

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Load Cell Central  
28175 Route 220  
Milan, PA 18831

Web: [www.800loadcel.com](http://www.800loadcel.com)  
Email: [sales@800loadcel.com](mailto:sales@800loadcel.com)

Toll Free: 1-800-562-3235  
Phone: 1-570-731-7048  
Fax: 1-570-731-7054