

Load Cell Central

1-800-LOADCEL

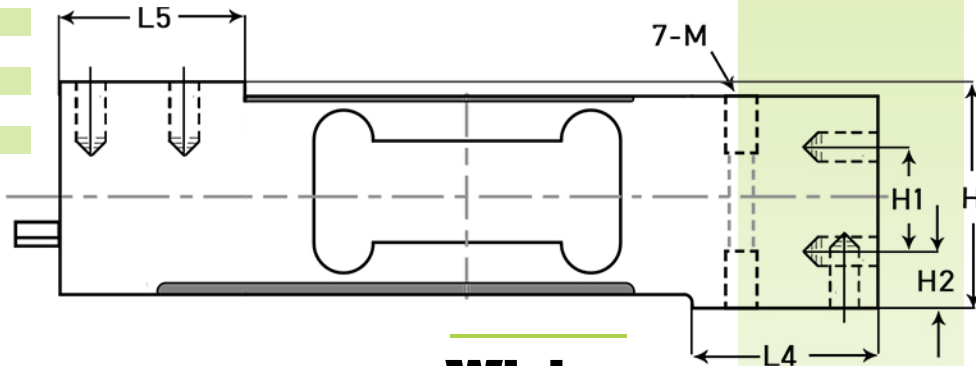
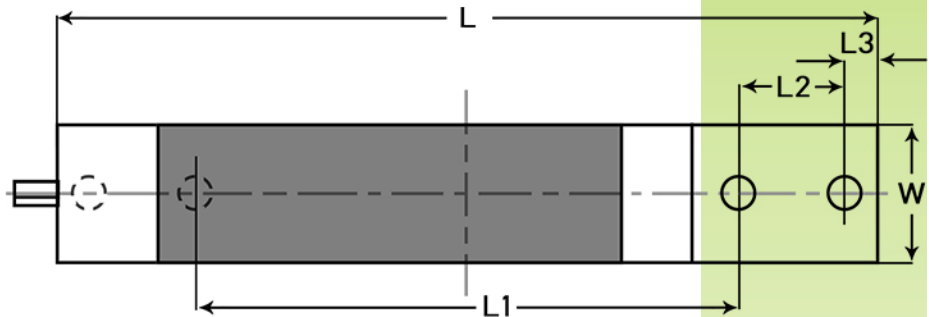
Model: GCB3/GCB3-M

- Moment compensated load cell
- Compression
- Anodized aluminum
- IP65 environmental protection rating
- Capacities (Kg): 3, 5, 8, 10, 20, 30, 50, 75, 100



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	<± 0.02% FSO in 30 min
Zero balance	± 2.0% FSO
Compensated temperature range	-10°C - 40°C (14°F - 104°F)
Operating temperature range	-35°C - 65°C (-31°F - 140°F)
Temperature effect on output	≤ 0.001% FSO / 10°C (18°F)
Temperature effect on zero	≤ 0.002% FSO / 10°C (18°F)
Input resistance	409 Ω ± 10 Ω
Output resistance	350 Ω ± 3 Ω
Insulation resistance	≥ 5,000 MΩ at 50 VDC
Recommended excitation	10 VDC (20 VDC Maximum)
Cable length	3 m (9.8 ft)
Safe overload	150% FS
Ultimate overload	200% FS
Material	Anodized aluminum



Dimensions:

Model	Dimensions										M thread depth	øM
	L	L1	L2	L3	L4	L5	H	H1	H2	W		
GCB3 (in)	5.90	3.94	0.75	0.23	1.34	1.23	1.58	0.75	0.44	1.00	0.59	1/4-20UNC
GCB3-M (mm)	150	100	19	5.84	34	31.24	40	19	11.18	25.4	15	M6

dimensions apply for all capacities 3 KG - 100 KG

Wiring Code

+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
+Sense	Blue
-Sense	Brown

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