

Load Cell Central

1-800-LOADCEL

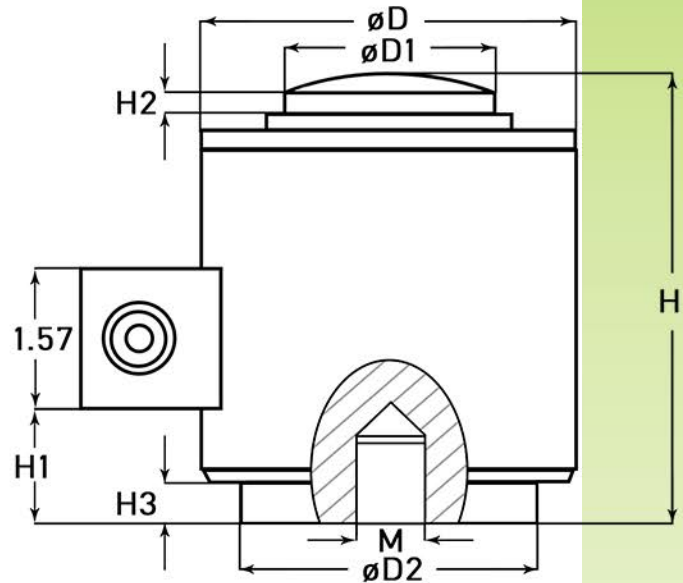
Model: PSCG

- Canister load cell
- Compression
- Stainless steel
- IP67 environmental protection rating
- Capacities (lb): 10K, 25K, 50K, 100K, 200K, 300K, 500K



Specifications:

Full scale output	2.0 mV/ V nom.
Combined error	<± 0.05%
Non-linearity	<± 0.05%
Hysteresis	<± 0.05%
Non-repeatability	<± 0.01%
Creep error	<± 0.02% FSO in 30 min
Zero balance	± 1.0%
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	≤ 0.014% FSO / 10°C (18°F)
Temperature effect on zero	≤ 0.017% FSO / 10°C (18°F)
Input resistance	450 Ω ± 5 Ω
Output resistance	480 Ω ± 5 Ω
Insulation resistance	≥ 5,000 MΩ at 50 VDC
Recommended excitation	5-12 VDC (18 VDC Maximum)
Cable length	9 m (29.5 ft)
Safe overload	150%
Ultimate overload	300%
Material	Stainless steel

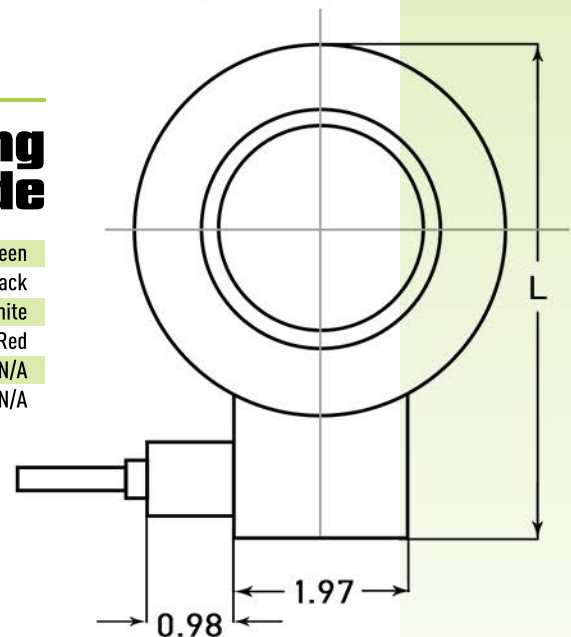


Wiring Code

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

Dimensions:

Rated capacity (lb)	H	H1	H2	øW	øW1	øW2	øW3	øC	øC1	øD
1K-15K	1.37	0.75	0.38	4.50	3.90	3.50	3.00	0.75	0.40	3/8-16
20-50K	2.53	1.30	0.75	7.00	6.25	5.50	4.83	1.25	0.56	1/2-13
60K-125K	3.12	1.50	1.00	8.00	7.00	6.50	5.50	1.75	0.81	3/4-16
150K-225K	4.75	2.25	2.00	10.00 sq.	8.00 sq.	9.00	7.83	N/A		1-14
250K-450K	6.42	2.25	3.00	12.00 sq.	10.00 sq.	10.00	8.38	N/A		1 1/4-12



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