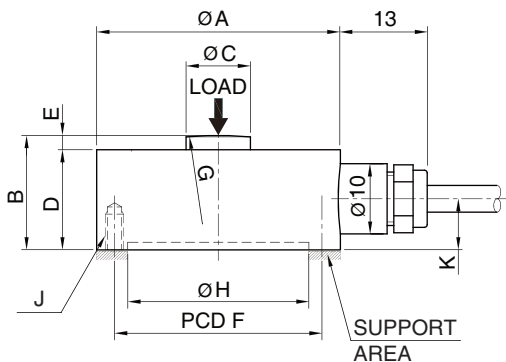
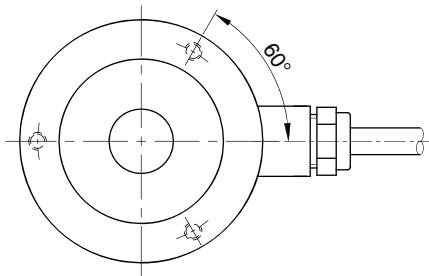


Model CBL Series

Compression

Miniature Load Cell (200kg ~ 3,000kg)

- 17-4PH Stainless steel construction
- Fully welded seal (IP68)
- Compact size with low profile.



SPECIFICATIONS

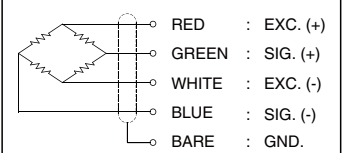
MODEL	CBL	CBLT
Rated capacity (R.C.)	200, 300, 500kg, 1, 2, 3ton	
Rated output(R.O.)	2.0mV/V(Approx.)	2.0mV/V ± 1%
Non-linearity	≤0.2% R.O.	
Hysteresis	≤0.2% R.O.	
Non-repeatability	≤0.05% R.O.	
Creep error	≤0.05% in 20min.	
Zero balance	≤1% R.O.	
Compensated temperature range	-10 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	≤0.1% LOAD/10°C	
Temp. effect on zero balance	≤0.1% R.O./10°C	
Terminal input resistance	750 ± 50 Ohms	820 ± 70 Ohms
Terminal output resistance	700 ± 5 Ohms	
Insulation resistance (Min.)	2000 MOhms at 50V DC	
Excitation voltage	3~10V(Recommended), 12V(Max.)	
Electrical connection	3mmx1.5m(28AWG x 4C Shielded)	
Protection class	meets IP 68	
Safe overload	150% R.C	
Ultimate overload	300% R.C	
Material	Stainless steel (17-4PH)	

ORDERING INFORMATION

CBL - 500

MODEL	CAPACITY
CBL	200, 300, 500kg
CBLT	1, 2, 3ton

WIRING INFORMATION



Dimension-mm

Capacity	A	B	C	D	E	F	G	H	J	K	Weight(kg)
200kg ~ 2t (196.1N ~ 19.61kN)	Ø34	16	Ø9	14	2	Ø29	R50	Ø24	3-M3x0.5P Depth 5	7	0.09
3t (29.42kN)	Ø42	18	Ø10	15	3	Ø34	R50	Ø29	3-M4x0.7P Depth 6	7.5	0.14

* Specifications are subject to change without notice

APR, 2020