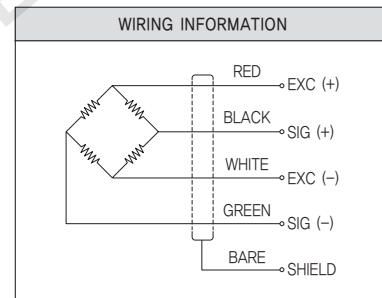
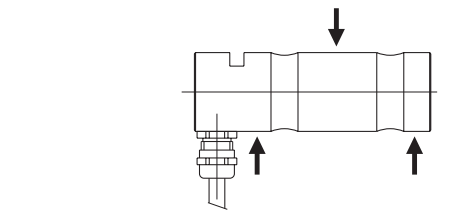
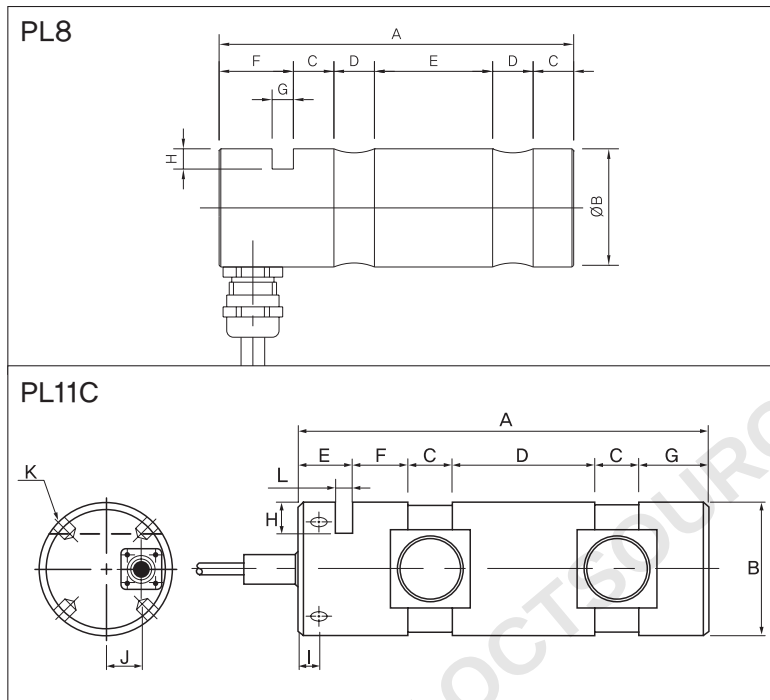


DOUBLE ENDED SHEAR BEAM LOAD CELLS

>Model PL8, PL11C

Pin Type, Load cells made from stainless steel, Small size, easy to install.
Load cells for crane scale system and Load limiter system.

- Protection class IP67



>SPECIFICATIONS

Specifications	Accuracy	
	PL8	PL11C
Rated capacity(R.C.)	2tf, 5tf, 10tf, 20tf, 40tf	50tf, 100tf, 125tf, 150tf, 200tf
Rated output(R.O.)	1mV/V	1mV/V
Nonlinearity	0.15% of R.O.	0.15% of R.O.
Hysteresis	0.15% of R.O.	0.1% of R.O.
Repeatability	0.1% of R.O.	0.1% of R.O.
Creep	0.05% of R.O.	0.05% of R.O.
Zero balance	±1% of R.O.	±1% of R.O.
Excitation recommended	10V	10V
Terminal resistance input, output	350Ω ±1%	700Ω ±5%
Insulation resistance bridge	2000MΩ	2000MΩ
Temperature range, compensated	-10~70℃	-10~70℃
Temperature range, safe	-20~80℃	-20~80℃
Temp. effect on rated output	±0.01% of LOAD/10℃	±0.01% of LOAD/10℃
Temperature effect, on zero balance	±0.02% of R.O./10℃	±0.02% of R.O./10℃
Safe overload	120% R.C.	150% R.O.
Cable length	Ø5, 4core, 3m	Ø7, 4core shield, 2m

>DIMENSIONS TABLE (PL8)

unit:mm

Model	Capacity	A	B	C	D	E	F	G	H
PL8-T2	2tf (19.61kN)	105	35	12	12	35	22	6.3	6
PL8-T5	5tf (49.03kN)	105	35	12	12	35	22	6.3	6
PL8-T10	10tf (98.07kN)	152	50	18	18	48	32	10.5	5
PL8-T20	20tf (196.1kN)	190	65	20	25	65	35	10.5	10
PL8-T40	40tf (392.3kN)	256	85	28	35	89	41	12.5	14.5

Model	Capacity	A	øB	C	D	E	F	G	H	I	J	K	M
PL11C-T50	50tf (490.35kN)	258	85	28	89	23	35	44	20	13	22	4-ø10 DP10	10.5
PL11C-T100	100tf (980.7kN)	347	100	35	120	36	55	66	14	13	28	4-ø10 DP10	10.5
PL11C-T125	125tf (1225.87kN)	347	120	35	120	36	55	66	40	13	34.5	4-ø10 DP10	12.5
PL11C-T150	150tf (1471.05kN)	450	140	50	140	70	70	70	40	20	35	6-ø12 DP10	30
PL11C-T200	200tf (1961.4kN)	356	160	50	80	50	38	88	40	15	35	6-ø12 DP20	20

★Specifications are subject to change without notice.