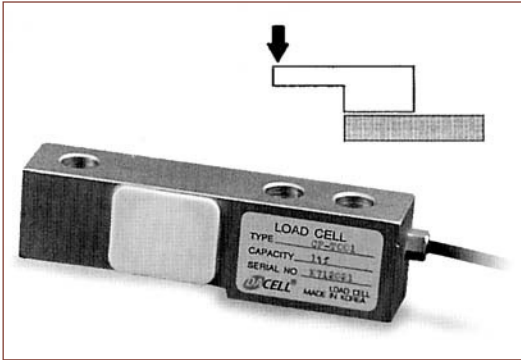


# PLATFORM SCALE LOAD CELL

## Model CP

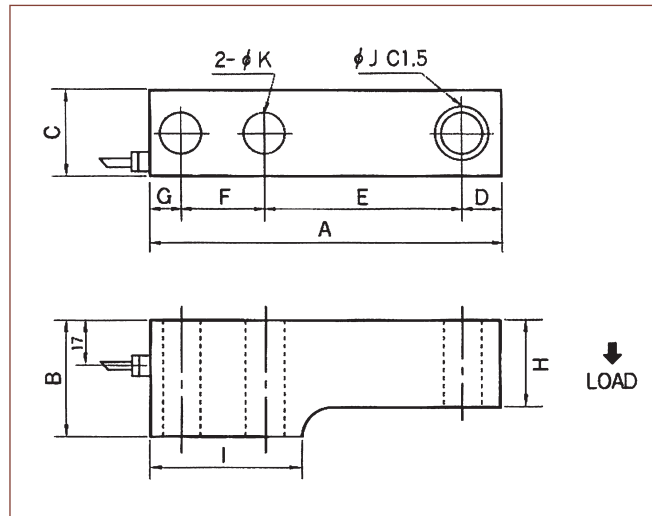


A compact and low cost, shear type compression load cell.

It is a comparatively low cost shear type transducers with a high accuracy of 0.02% R.O.

Platform and Tank scale weighing.

Protection Class IP67



## Specifications

Specifications	Accuracy
Rated capacity (R.C)	5kg, 10kg, 20kg, 30kg, 50kgf, 100kgf, 150kgf, 300kgf, 500kgf, 1tf, 2tf, 3tf, 5tf, 10tf, 12tf
Rated output (R.O)	2mv/v $\pm$ 1%
Nonlinearity	0.03% of R.O.
Hysteresis	0.02% of R.O.
Repeatability	0.02% of R.O.
Creep (20min)	0.03% of R.O.
Zero balance	$\pm$ 5% of R.O.
Temperature effect, on rated output	0.02% of LOAD/10°C
Temperature effect, on zero balance	0.05% of R.O./10°C
Temperature range, compensated	-10~50°C
Temperature range, safe	-10~50°C
Terminal resistance input	350 $\pm$ 30 $\Omega$
Terminal resistance output	350 $\pm$ 3 $\Omega$
Isolation resistance bridge	2000M $\Omega$
Excitation recommended	10V
Safe overload	150%
Cable length	$\phi$ 7 $\pm$ 0.3mm 4core, 3m

## Dimensions Table

Unit : mm

Capacity	A	B	C	C	E	F	G	H	I	$\phi$ J	$\phi$ K
5kgf - 300kgf	135	36	26	17	75	25	18	32	58	11.5	11.5
500kgf - 2tf	135	38	30	17	75	25	18	34	58	13.5	13.5
3tf - 5tf	170	48	38	20	85	50	15	39	79	18	18.5
10tf - 12tf	263	60	60	30	118	90	25	52	143	26	26

