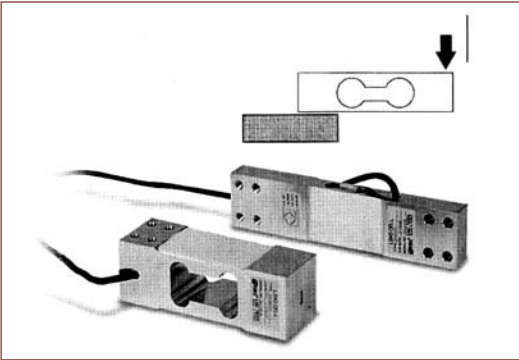


# BENDING BEAM LOAD CELLS

## Model CB2, CB4, CB5, CB6

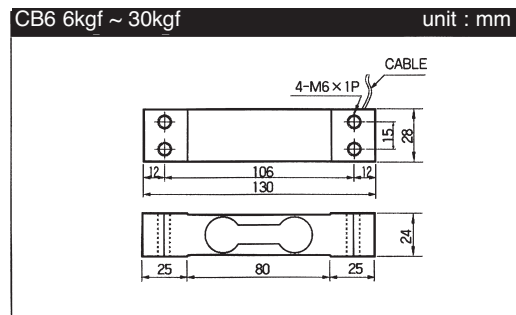
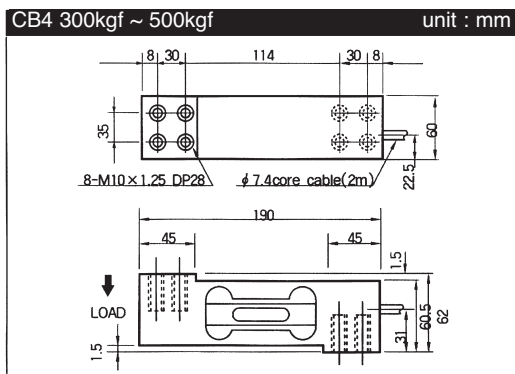
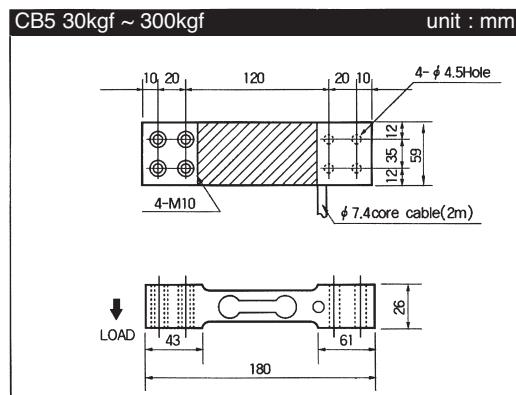
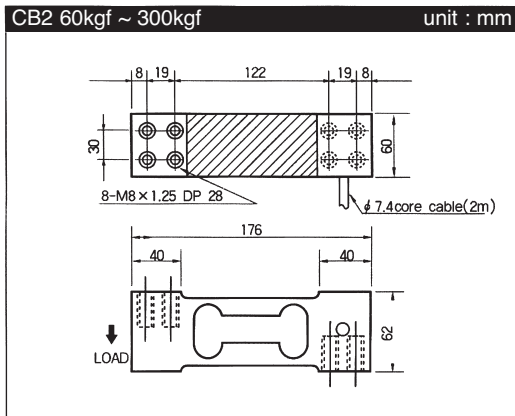


This strain gage load cell has developed newly as a electronic "Scale" for commercial purpose, with the characteristics of high accuracy and low price.

Compared with another mechanical means this load cell provides small displacement.

Due to electronic output it is easy to treat various treatments.

Protection Class IP65



### Specifications

Specifications	Accuracy			
	CB2	CB4	CB5	CB6
Rated capacity (R.C)	60, 100, 250, 300kgf	300, 500kgf	30, 50, 100, 150, 300kgf	6, 10, 25, 30kgf
Rated output (R.O)	2mv/v $\pm$ 10%	2mv/v $\pm$ 10%	1.5mv/v $\pm$ 10%	2mv/v $\pm$ 10%
Nonlinearity	0.02% of R.O	0.02% of R.O	0.02% of R.O	0.02% of R.O
Hysteresis	0.02% of R.O	0.02% of R.O	0.02% of R.O	0.02% of R.O
Repeatability	0.02% of R.O	0.02% of R.O	0.02% of R.O	0.02% of R.O
Creep (20min)	0.03% of R.O	0.03% of R.O	0.03% of R.O	0.03% of R.O
Zero balance	5% of R.O	$\pm$ 5% of R.O	$\pm$ 5% of R.O	$\pm$ 5% of R.O
Terminal resistance input	420 20 $\Omega$	420 $\pm$ 20 $\Omega$	420 $\pm$ 20 $\Omega$	420 $\pm$ 20 $\Omega$
Terminal resistance output	350 2 $\Omega$	350 $\pm$ 2 $\Omega$	350 $\pm$ 2 $\Omega$	350 $\pm$ 2 $\Omega$
Isolation resistant bridge	2000M $\Omega$	2000M $\Omega$	2000M $\Omega$	2000M $\Omega$
Temperature effect on rated output	0.02% of LOAD/10 $^{\circ}$ C	0.02% of LOAD/10 $^{\circ}$ C	0.02% of LOAD/10 $^{\circ}$ C	0.02% of LOAD/10 $^{\circ}$ C
Temperature effect on zero balance	0.05% of R.O./10 $^{\circ}$ C	0.05% of R.O./10 $^{\circ}$ C	0.05% of R.O./10 $^{\circ}$ C	0.05% of R.O./10 $^{\circ}$ C
Temperature range, compensated	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C
Temperature range, safe	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C	-10 $\sim$ -50 $^{\circ}$ C
Excitation recommended	10V	10V	10V	10V
Safe overload	150%R.O.	150%R.O.	150%R.O.	150%R.O.
Cable length	$\phi$ 7 4CODE, 2m	$\phi$ 7 4CODE, 2m	$\phi$ 7 4CODE, 2m	$\phi$ 5 4CODE, 40m