

# SB210 / LB210

Shear Beam Load Cell

150, 200, 250, 300, 500 kgf, 1, 2, 3, 5, 10 tf



## FEATURES (SB210)

- Low profile for Industrial platform
- Protection class IP66

## Material

- Nickel plated steel (SB210)
- Stainless steel (LB210)

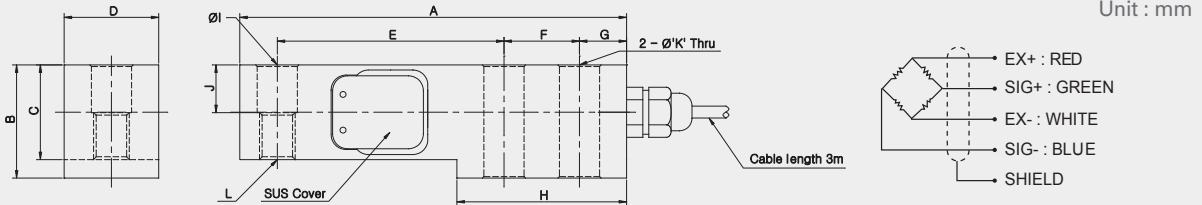
## Cable

- Braided shield 4-wire round cable with PVC - jacket

## Mounting

Capacity	Hexagon head-bolt	Tightening torque
150 kgf ~ 3 tf	M12 x 1.75 (10.9)	100Nm
5 tf	M18 x 1.5 (10.9)	350Nm
10 tf	M24 x 2.0 (10.9)	860Nm

## DIMENSIONS



Model	Capacity	A	B	C	D	E	F	G	H	I	J	K	L
LB210-150K	150 kgf	130	38	32	31.8	76.2	25.4	15.8	57	13.5	16	13.5	M12x1.75
LB210-200K	200 kgf												
LB210-250K	250 kgf												
LB210-300K	300 kgf												
LB210-500K	500 kgf												
LB210 - 1T	1 tf	171.5	44.5	38	38	95.3	38.1	19	76	20	19	20	M18x1.5
LB210 - 2T	2 tf												
LB210 - 3T	3 tf												
LB210 - 5T	5 tf												
LB210 - 10T	10 tf												
		222	57.2	50.8	50.8	120.4	50.8	25.4	100	26.2	25.4	26.2	M24x2.0

## SPECIFICATIONS

Max. Capacity		kgf, tf	150, 200, 250, 300, 500 kgf 1, 2, 3, 5, 10 tf (SB210)
Rated output		mV/V	2.0 ± 0.005
Zero balance		mV/V	0 ± 0.2
Combined error		%RO	0.03
Repeatability		%RO	0.01
Creep (30min.)		%RO	0.03
Temperature effect on	Zero value	%RO/10°C	0.03
	Output value	%RO/10°C	0.02
Excitation	Recommended	V	10
	Maximum	V	15
Resistance	Input	Ω	400 ± 50
	Output	Ω	350 ± 3.5
	Insulation	MΩ	> 2,000 @50V DC
Compensated temp. range		°C	-10 ~ +40
Operating temp. range		°C	-20 ~ +80