

SB210

SHEAR BEAM LOAD CELL **150, 200, 250, 300, 500 kgf, 1, 2, 3, 5, 10tf**

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FEATURES

- Low profile for
- Industrial platform
- Protection class IP66

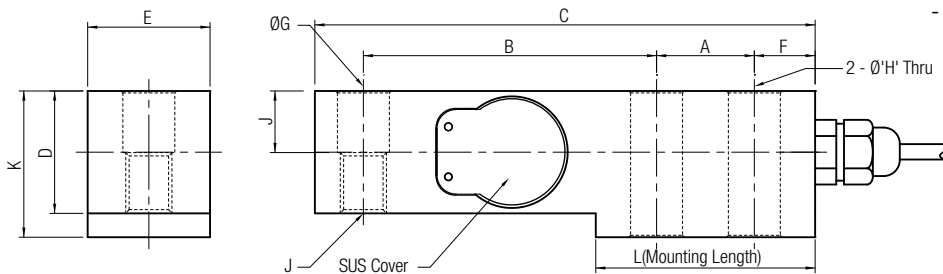
Material

- Nickel plated steel

Mounting

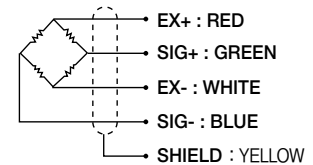
Capacity	Hexagon head-bolt	Tightening torque
150kgf~3tf	M12x1.75(10.9)	100Nm
5tf	M18x1.5(10.9)	350Nm
10tf	M24x2.0(10.9)	860Nm

DIMENSIONS



Cable

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



Model	Capacity	A	B	C	D	E	F	G	H	I	J	K	L
SB210-150K	150kgf	25.4	76.2	131	32	31.8	15.8	13.5	13.5	16	M12x1.75	38	57
SB210-250K	250kgf												
SB210-300K	300kgf												
SB210-500K	500kgf												
SB210-1T	1tf												
SB210-2T	2tf												
SB210-3T	3tf	38.1	95.3	171.5	38	38	19	20	20	19	M18x1.5	44.5	76
SB210-5T	5tf												
SB210-10T	10tf												
		50.8	120.7	222.3	50.8	50.75	25.4	26.2	26.2	25.4	M24x2.0	57.2	118.6

SPECIFICATIONS

Max. Capacity	kgf	150, 200, 250, 300, 500 kgf, 1, 2, 3, 5, 10tf	
Rated output	mV/V	2.0 ± 0.005	
Zero balance	mV/V	0 ± 0.2	
Combined error	%	0.03	
Repeatability	%	0.015	
Creep(30min.)	%	0.03	
Temperature effec on			
	Zero value	%/°C	0.03
	Output value	%/°C	0.03
Excitation			
	Recommended	V	10
	Maximum	V	15
Resistance			
	Input	Ω	400 ± 50
	Output	Ω	350 ± 3.5
	Insulation	MΩ	> 2,000
Compensated temp. range	°C		-10 ~ +40
Operating temp. range	°C		-20 ~ +70