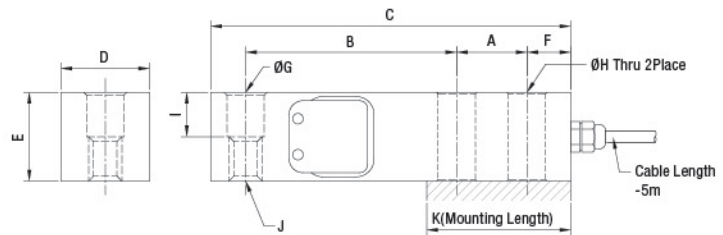


CBSA

Shear beam loadcell **250, 500 kgf, 1, 2, 3, 5 tf**

www.curiotec.com



FEATURES

- Low profile for industrial platform
- Protection class IP66

Material

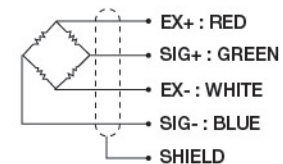
- Nickel plated steel

Mounting

Capacity	Hexagon head-bolt	Tightening torque
250kgf~2tf	M12x1.75(10.9)	100Nm
3tf	M18x1.5(10.9)	350Nm
5tf		

Cable

Braided shield 4-wire round cable with PVC-jacket



DIMENSIONS

Model	Capacity	A	B	C	D	E	F	G	H	I	J	K
CBSA-250L	250kgf	25.4	76.2	130	32	32	15.8	13.5	13.5	16	M12x1.75	52
CBSA-500L	500kgf											
CBSA-1T	1tf											
CBSA-2T	2tf											
CBSA-3T	3tf	38.1	95.3	171.5	38	38	19	20	20	19	M18x1.5	76.2
CBSA-5T	5tf											

SPECIFICATIONS

Max. Capacity	kgf	250, 500, 1tf, 2tf, 3tf, 5tf
Rated output	mV/V	3.0 ± 0.0075
Zero balance	mV/V	0.0 ± 0.03
Combined error	%RO	0.03
Repeatability	%RO	0.01
Creep(30min.)	%RO	0.03
Temperature effect on		
Zero value	%RO/10°C	0.028
Output value	%RO/10°C	0.015
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	Ω	350 ± 3.5
Output	Ω	350 ± 3.5
Insulation	MΩ	>2,000@50V DC
Compensated temp. range	°C	-10 ~ +40
Operating temp. range	°C	-30 ~ +80