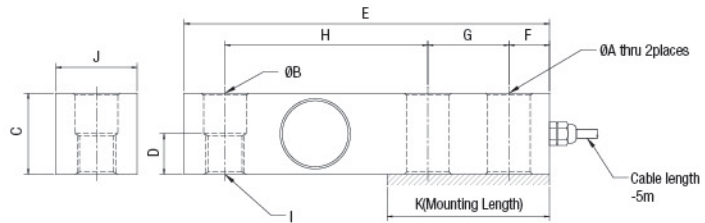


# CBSS Explosion proof version, Ex ia IIB-T4, Ex nA IIB-T4

Stainless shear beam load cell **500 kgf, 1, 2, 3, 5 tf**

www.curiotec.com



## FEATURES

Stainless steel construction  
Fully environmental protection  
IP67

## Material

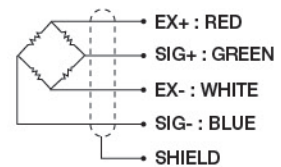
Stainless steel

## 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
CBSS-500L	500kgf	13.5	13.5	31.7	15.8	130	15.8	25.4	76.2	M12x1.75	31.7	52
CBSS-1	1tf											
CBSS-2	2tf											
CBSS-3	3tf	20	20	38.1	19.1	171.5	19	38.1	95.3	M18x1.5	38	76.2
CBSS-5	5tf											

## SPECIFICATIONS

Max. Capacity		kgf	500, 1tf, 2tf, 3tf, 5tf
Rated output		mV/V	2.0 ± 0.005
Zero balance		mV/V	0.0 ± 0.02
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	0.014
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