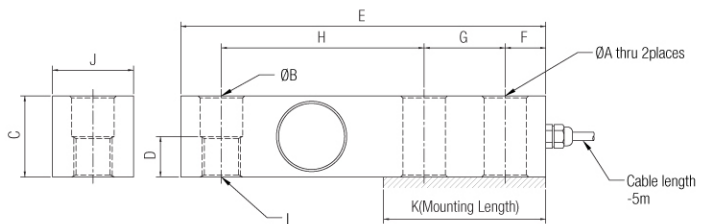


CBSS Explosion proof version, Ex ia IIB-T4, Ex nA IIB-T4

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



FEATURES

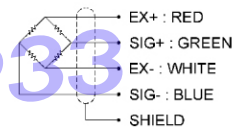
Stainless steel construction
Fully environmental protection
IP67

Mounting

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

Cable

Braided shield 4-wire round cable with PVC-jacket



Material

Stainless steel

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
Accuracy class		
Combined error	%	0.03
Repeatability	%	0.01
Creep(30min.)	%	0.03
Temperature effect on		
Zero value	%/°C	0.028
Output value	%/°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