

SB s-beam load cell, 20kgf - 2tf

Load Cell



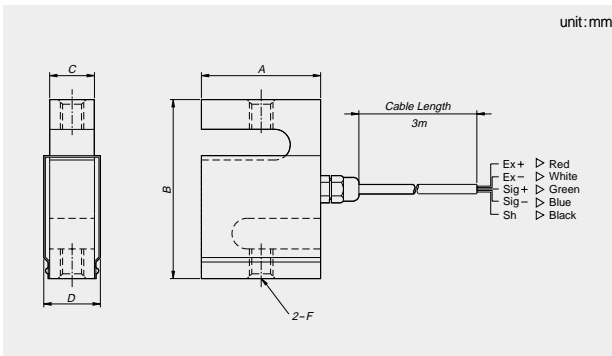
FEATURES

- Fully environmental protection
- Mechanical protection with steel cover

SPECIFICATIONS

Max. capacity	kgf	20, 50, 75, 100, 200, 250, 500, 1tf, 2tf
Rated output	mV/V	2.0 ± 0.005
Zero balance	mV/V	0 ± 0.02
Combined error	%	0.03
Repeatability	%	0.01
Creep for 30min.	%	0.03
Temperature effect on		
Zero Value	%/10°C	0.028
Output value	%/10°C	0.015
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	Ω	430 ± 40
Output	Ω	350 ± 3.5
Insulation	MΩ	> 2,000
Compensated temperature range	°C	-10 to +40
Operating temperature range	°C	-30 to +80

DIMENSIONS



Material

Anodized aluminum (20 kgf - 250 kgf)
 Nickel plated steel (500 kgf - 2tf)

Cable

Braided shield 4-wire round cable
 with Urethane-jacket

Model	Capacity	A	B	C	D	E
SB-20L	20kgf	70	80	24	32	M12 × 1.75
SB-50L	50kgf					
SB-75L	75kgf					
SB-100L	100kgf					
SB-200L	200kgf					
SB-250L	250kgf					
SB-500L	500kgf	80	100	30	38	M18 × 1.5
SB-1	1tf					
SB-2	2tf					

