

# S BA S-beam load cell, 25kgf - 5tf

Load Cell



### FEATURES

- OIML C3 approved (OIML R60)
- Compatible with other sources
- Protection class IP65

### OPTIONS

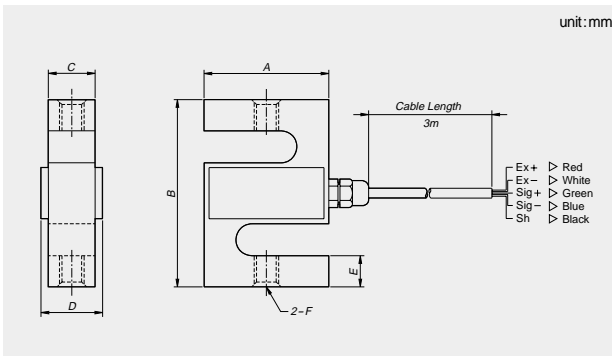
- OIML C3 approved



### SPECIFICATIONS

Max. capacity	kgf	25, 50, 100, 200, 500, 1tf, 2tf, 3tf, 5tf	
Rated output	mV/V	3.0 ± 0.3	
Zero balance	mV/V	0 ± 0.03	
Accuracy class		D3	C3
Combined error	%	0.03	0.02
Repeatability	%	0.01	0.01
Creep for 30min.	%	0.03	0.017
Temperature effect on			
Zero Value	%/10°C	0.028	0.014
Output value	%/10°C	0.015	0.011
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	400 ± 25	
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

Nickel plated steel

### Cable

Braided shield 4-wire round cable with Urethane-jacket

Model	Capacity	A	B	C	D	E	F
SBA-25L	25kgf	50.8	63.5	12.7	20	9.75	M6 ×1.0
SBA-50L	50kgf						
SBA-100L	100kgf						
SBA-200L	200kgf	51	76	19	27	12.6	M12 ×1.75
SBA-500L	500kgf						
SBA-1	1tf	51	76	25.4	33	12.6	M12 ×1.75
SBA-2	2tf	77	108	25.4	33	19	M18 ×1.5
SBA-3	3tf						
SBA-5	5tf						

65 | CAS

