CSMN

Miniature Load Cell

1, 2, 5, 10, 20, 30, 50, 100, 200, 300, 500 kgf, 1, 2 tf



1L ~ 10L

200L ~ 2T

FEATURES

- Miniature dimension
- Compression applications
- Application for limited space
- Protection class IP66

Material

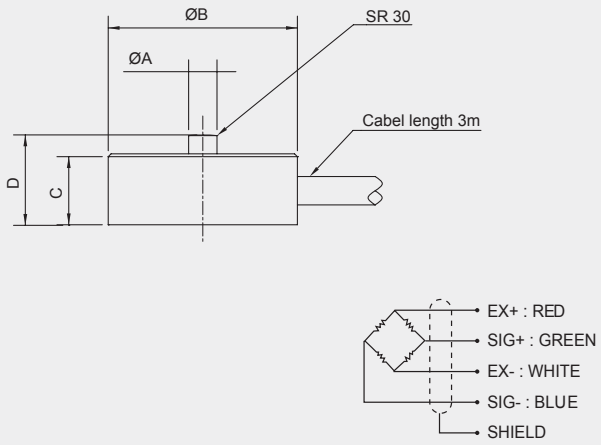
- Anodized Aluminum (1kgf~10kgf)
- Stainless steel (20kgf~2tf)

Cable

- Braided shield 4-wire round cable with PVC - jacket

DIMENSIONS

Unit : mm



Model	Capacity	A	B	C	D
CSMN - 1L	1 kgf	3	20	7.5	9.5
CSMN - 2L	2 kgf				
CSMN - 5L	5 kgf				
CSMN - 10L	10 kgf				
CSMN - 20L	20 kgf				
CSMN - 30L	30 kgf				
CSMN - 50L	50 kgf				
CSMN - 100L	100 kgf				
CSMN - 200L	200 kgf	4	20	13.3	14
CSMN - 300L	300 kgf				
CSMN - 500L	500 kgf				
CSMN - 1T	1 tf				
CSMN - 2T	2 tf				

SPECIFICATIONS

Max. Capacity		kgf, tf	1, 2, 5 kgf	10, 20, 30, 50, 100, 200, 300, 500 kgf, 1, 2 tf
Rated output		mV/V	0.5 (Approx)	1.0 (Approx)
Zero balance		mV/V	0.0 ± 0.1	
Combined error		%RO	2.0	
Repeatability		%RO	1.0	
Creep (30min.)		%RO	1.0	
Temperature effect on				
	Zero value	%RO/10℃	0.03	
	Output value	%RO/10℃	0.05	
Excitation				
	Recommended	V	5	
	Maximum	V	10	
Resistance				
	Input	Ω	350 ± 20	
	Output	Ω	350 ± 3.5	
	Insulation	MΩ	> 2,000 @50V DC	
Compensated temp. range		℃	-10 ~ +40	
Operating temp. range		℃	-20 ~ +80	

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