

CSMN-MT

Miniature Load Cell

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



FEATURES

- Miniature dimension
- Compression applications
- Application for limited space
- Protection class IP66
- Tap included in bottom side

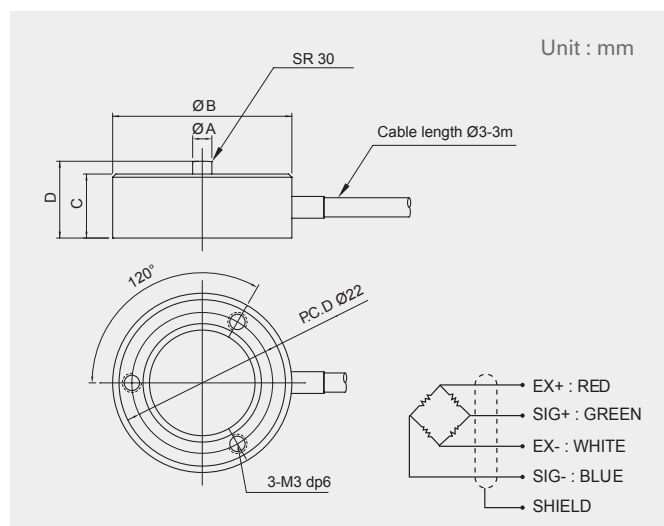
Material

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

Cable

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

DIMENSIONS



Model	Capacity	A	B	C	D
CSMN - 1L MT	1 kgf	3	28	10	12
CSMN - 2L MT	2 kgf				
CSMN - 5L MT	5 kgf				
CSMN - 10L MT	10 kgf				
CSMN - 20L MT	20 kgf				
CSMN - 30L MT	30 kgf				
CSMN - 50L MT	50 kgf				
CSMN - 100L MT	100 kgf	4	28	15.8	16.5
CSMN - 200L MT	200 kgf				
CSMN - 300L MT	300 kgf				
CSMN - 500L MT	500 kgf				
CSMN - 1T MT	1 tf				
CSMN - 2T MT	2 tf				

SPECIFICATIONS

Max. Capacity		kgf, tf	1, 2, 5, 10, 20, 30, 50, 100, 200, 300, 500 kgf, 1, 2 tf	
Rated output		mV/V	1.0 ± 0.1	
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	