SC520

Canister Load Cell 200,300,500kgf,1,2,3,5,10,20tf

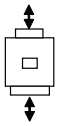


Feature

- Robust Design
- Hermetically Sealed High Accuracy Grade
- Compression / Tension type
- Fully Environmental Protection IP67
- Paint Finished Steel
- Braided shield 4-Wire Round Cable

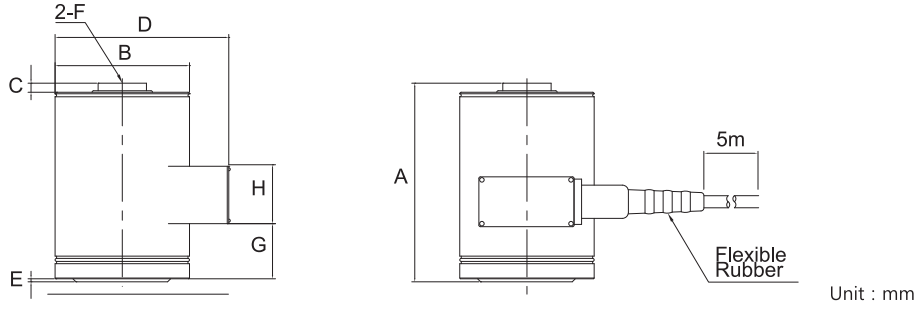
Option

- Stainless Steel - LC520



Rated Capacity (R.C)	kg / tf	200 , 300 , 500kg , 1 , 2 , 3 , 5 , 10 , 20 tf	
Rated Output (R.O)	mV/V	3.0±0.003	
Zero Balance	mV/V	0.0±0.02	
Accuracy Class		A	B
Combined Error	%	0.02	0.05
Repeatability	%	0.01	0.02
Creep (30min.)	%	0.03	0.03
Temperature Effect On			
Zero Value	% / 10℃	0.03	0.03
Output Value	% / 10℃	0.03	0.03
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 Temperature Range	℃	-10 ~ +40	
Operaing Temperature Range	℃	-30 ~ +80	

Model	Capacity	A	B	C	D	E	F	G	H
SC520 – 200kgf	200kgf	115	89	6	115	2	M12X1.25	34	38
SC520 – 300kgf	300kgf								
SC520 – 500kgf	500kgf								
SC520 – 1tf	1tf								
SC520 – 2tf	2tf	148	89	9	115	2	M24X2.0	55	38
SC520 – 3tf	3tf								
SC520 – 5tf	5tf								
SC520 – 10tf	10tf	215	127	12	152	2	M39X2.0	75	38
SC520 – 20tf	20tf	290	165	15	193	2	M50X2.0	80	38



Unit : mm

CABLE	COLOR CODE
EXC +	(RED)
EXC -	(WHITE)
SIG +	(GREEN)
SIG -	(BLUE,BLACK)
SHLD	(YELLOW)