

# Miniature Load Cell 50kgf~20tf

## SM 600E



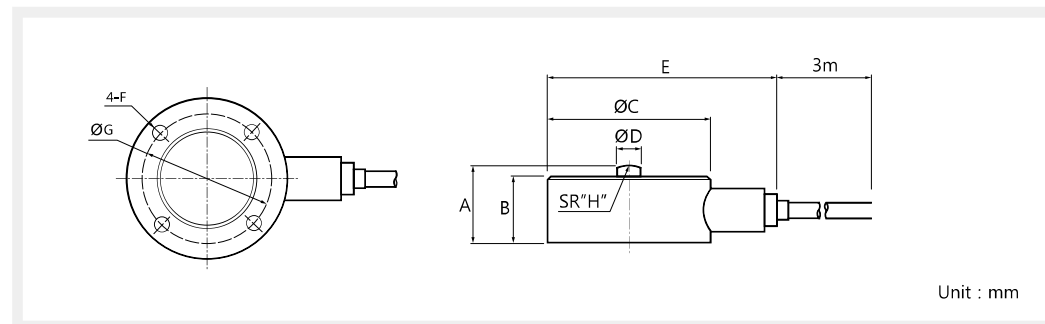
### Feature

- Compression Application
- Application for Limited space
- Protection Class IP67
- Braided shield 4-wire round cable with PVC-Jacket
- Stainless steel (50kgf~2tf)
- Paint finished steel (5kgf~2tf)



Rated Capacity (R.C)	kgf / tf	50, 100, 200, 500kgf, 1, 2, 5, 10, 20tf
Rated Output (R.O)	mV/V	2.0 ± 0.02
Zero Balance	mV/V	0.0 ± 0.1
Combined Error	%	0.15
Repeatability	%	0.05
Creep (30min)	%	0.03
Temperature Effect on		
Zero Value	% / 10°C	0.05
Output Value	% / 10°C	0.10
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	Ω	420 ± 50
Output	Ω	350 ± 3.5
Insulation	MΩ	> 2,000@50V DC
Compensated Temp Range	°C	-10 ~ +40
Operating Temp Range	°C	-20 ~ +80

Model	Capacity	A	B	C	D	E	F	G	H
SM600E-50kgf	50kgf	25	21	50	10	65	M5x0.8	42	50
SM600E-100kgf	100kgf								
SM600E-200kgf	200kgf								
SM600E-500kgf	500kgf								
SM600E-1tf	1tf								
SM600E-2tf	2tf	40	35	98	20	113	M6x1.0	72	150
SM600E-5tf	5tf	45	40	98	20	113	M6x1.0	72	150
SM600E-10tf	10tf	50	45	118	20	132	M8x1.25	90	250



### STANDARD CABLE LENGTH

3M

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

LOAD CELL