

# Force S Type - FS

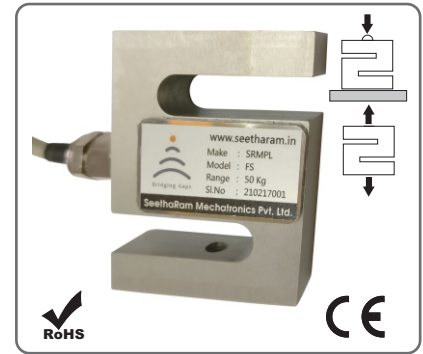
## S Type Load Cells

### FEATURES

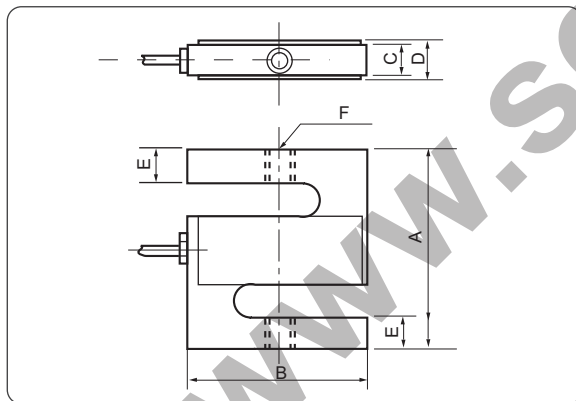
- Compact size.
- These are extremely accurate and compact Tension / Compression load cell.
- Protection Class IP65

### TECHNICAL SPECIFICATION

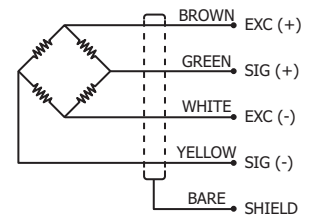
Model	FS
Rated capacity(R.C.)	1,2,5,10,20,50,100,200,500Kgf, 1, 2, 3, 5, 10tf
Rated output(R.O.)	2.0mV/V±1%(2,5kgf: 1.5mV/V±1%)
Nonlinearity	0.03% of R.O.
Hysteresis	0.03% of R.O.
Repeatability	0.03% of R.O.
Zero balance	±2% of R.O.
Temperature effect, on rated output	0.05% of LOAD/10°C
Temperature effect, on zero balance	0.1% of R.O./10°C
Temperature range, compensated	-10~60°C
Temperature range, safe	-20~80°C
Terminal resistance input	350±50Ω
Terminal resistance output	350±2Ω
Insulation resistance bridge/case	2000MΩ
Excitation recommended	10V (max. excitation 15V)
Safe overload	150% R.C.
Cable length	Ø5mm 4core, 3m



### DIMENSION DETAILS



### WIRING INFORMATION



### DIMENSION TABLE

Unit : mm

Capacity	ØA	B	C	D	E	F	Weight(kg)
1, 2, 5 Kgf	60	50	13	16	10	M6x1	0.4
10, 20 Kgf	70	52	13	18	13	M6x1	
50, 100, 200 Kgf	70	52	18	24	13	M12x1.75	
500 Kgf, 1tf	70	62	22	25	15	M12x1.75	0.8
2tf	96	84	30	35	21	M20x1.5	2
3tf	120	96	35	41	30	M24x2	3
5tf	120	96	40	44	30	M24x2	
10tf	165	140	60	66	46	M39x2	8.5

Specifications are subject to change without Prior notice