

**Type:** Tension & Compression (S-type)

**Material:** Alloy Steel

**Surface:** Nickel Plated Treatment

**Protection:** IP 67

**Features:** Low Profile  
Anti-Explosion

**Application:** Hybrid Scales  
Hopper Weighing  
Materials Testing  
Crane Scales



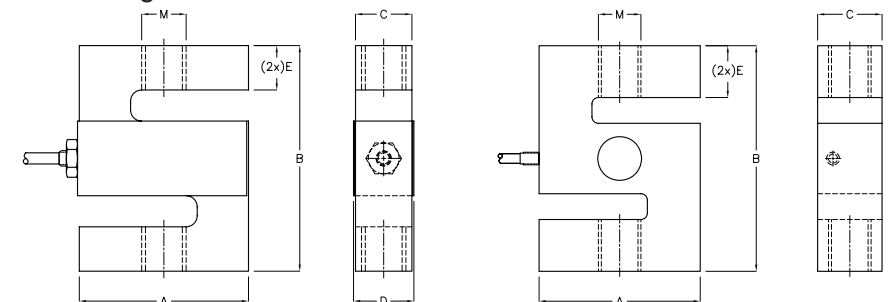
### Specifications:

Capacity		25kg / 50kg / 100kg / 250kg / 500kg / 750kg 1.0t / 1.5t / 2.0t / 2.5t / 3.0t / 5.0t / 7.5t / 10t / 15t / 20t / 30t	
Accuracy Class		C3	C4
Max. Number of Verification Intervals	$n_{max}$	3000	4000
Minimum Load Cell Verification Level	$v_{min}$	$E_{max}/10000$	$E_{max}/15000$
Temperature Effect on Zero	%FS/10°C	$\leq \pm 0.0150$	$\leq \pm 0.0100$
Temperature Effect in Sensitivity	%FS/10°C	$\leq \pm 0.0110$	$\leq \pm 0.0090$
Combined Error	%FS	$\leq \pm 0.0200$	$\leq \pm 0.0180$
Creep	%FS	$\leq \pm 0.0160$	$\leq \pm 0.0120$
Output Sensitivity	mv/v	2.0 ± 0.002	
Input Resistance	$\Omega$	350 ± 3.5	
Output Resistance	$\Omega$	350 ± 3.5	
Insulation Resistance	M $\Omega$	≥ 5000	
Zero Balance	%FS	≤ 1.5	
Temperature, Compensated	°C	-10 ~ +40	
Temperature, Operating	°C	-30 ~ +70	
Excitation, Recommended	v	5 ~ 15	
Safe Overload	%FS	150	
Ultimate Overload	%FS	250	
Standard Cable length	m	3 (25kg ~ 750kg) / 6 (1.0t ~ 30t)	

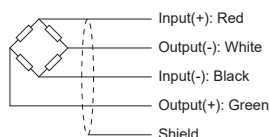
### Dimensions:

25kg ~ 5.0t

7.5t ~ 30t



CAP.(t)	A	B	C	D	E	M
25-50kg	50.8	76.2	12.7	14.5	15.7	M8x1.25
100kg	50.8	76.2	19	20.8	15.3	M10x1.5
250-750kg	50.8	76.2	19	20.8	13.6	M12x1.75
1-1.5t	50.8	76.2	25.4	27.2	12.1	M12x1.75
2-2.5t	76.2	101.6	25.4	27.2	20	M20x1.5
7.5-10 t	125	175	50	-	40.2	M33x3
15-20 t	160	200	60	-	51	M42x3
30t	190	230	80	-	57.5	M42x3



All dimensions: mm.