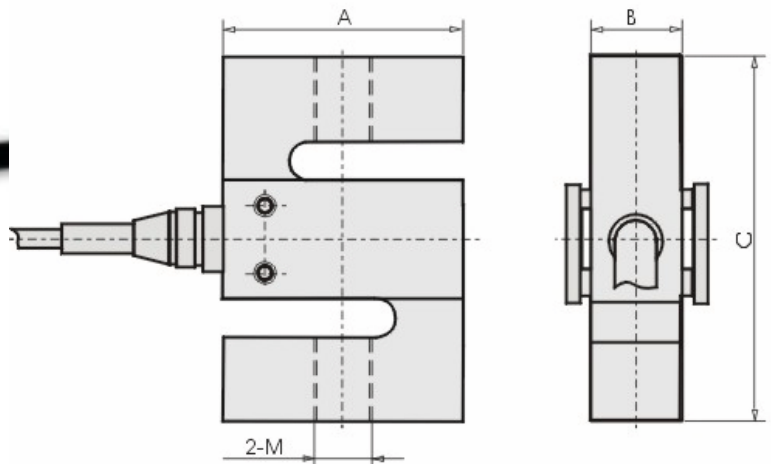
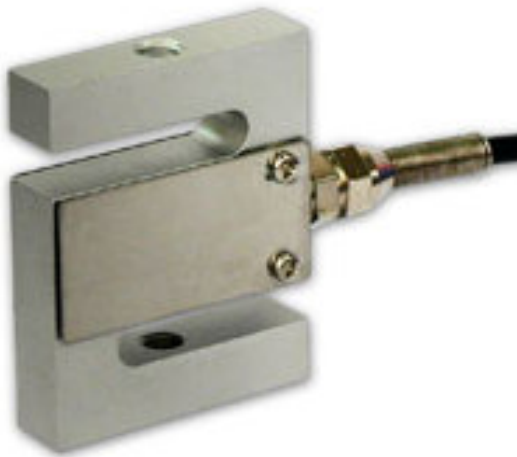


# LOW PROFILE LOAD CELL / Model: **SL-A**

APPLICATION :

Applicable to Hopper Scale, Belt Scale and is ideal for the conversion of existing mechanical scales.



Rated Load	Dimensions in 'mm'			
	A	B	C	M
2, 5 kg	70.0	10.0	60.0	M6
10 kg	50.8	12.7	63.5	M8
20, 30 kg	50.8	19.0	76.2	M10x1
50 ~ 500 kg	50.8	19.0	76.2	M12x1.75

### Technical Specifications:

Capacities	2, 5, 10, 20, 30, 50, 100, 200, 300, 500 kg	
Output sensitivity	2.0 ± 10% mV/V	
Non-Linearity	± 0.03% FS	
Repeatability	± 0.02% FS	
Hysteresis	± 0.03% FS	
Creep (20 min)	± 0.03% FS	
Zero Balance	± 1% FS	
Insulation Resistance	> 5000 MΩ (@ 50V DC)	
Resistance	Input	400 ± 10Ω
	Output	350 ± 3Ω
Temperature Range	Compensated	-10 ~ +50°C
	Operating	-30 ~ +60°C
Temperature Effect	Output	± 0.02% FS /10°C
	Zero	± 0.03% FS/10°C
Maximum excitation voltage	12V (DC/AC)	
Recommended excitation voltage	10V (DC/AC)	
Safe Over load	120% FS	
Maximum Overload	150% FS	
Construction	Aluminium Alloy	
Environmental protection	IP 65	
Cable	Ø6 x 3.5m	

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