

AUW Parallel Shear Beam Load Cell

Suits

Hopper Scale, Batching Scale and

Industrial Weighing Systems



Features

10kg to 500kg capacity

High Quality

Excellent Repeatability

Spring Style Cable Strain Relief

IP68 rating

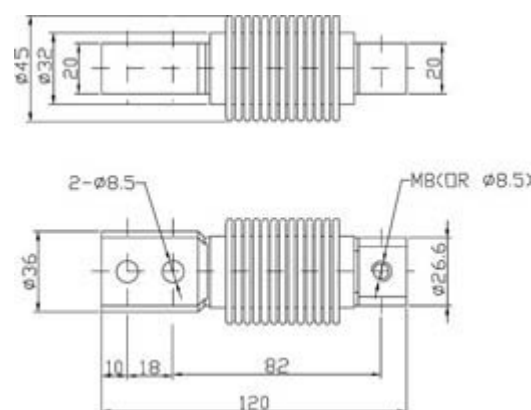
Material

Tool Steel

Stainless Steel

Specifications		
Rated Output	2mV/V ±10%	3mV/V ±10%
Zero Balance	±2% F.S.	
Non-Linearity	0.02% F.S.	0.03% F.S.
Hysteresis	0.02% F.S.	0.03% F.S.
Non-Repeatability	0.02% F.S.	
Creep (30min)	0.03 % F.S.	
Temperature effect on Output	0.02% F.S.	0.03% F.S.
Temperature Effect on Zero	0.02% F.S.	0.03% F.S.
Input Impedance	385 ±10 Ω	
Output Impedance	350 ±3 Ω	
Insulation	>2000 MΩ /50Vdc	
Recommended Excitation	10 Vdc	
Maximum Excitation	15 Vdc	
Compensated Temperature Range	-10°C to +40°C	
Operating Temperature Range	-20°C to +60°C	
Safe Overload	150% F.S.	
Ultimate Overload	200% F.S.	
Cable Size	Ø 5 x 20000 mm	
Protection Class	IP68	
Excitation	Red + Black -	Signal Green + White -

Capacities (kg)
10, 20, 30, 50, 100, 200, 300, 500



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