



MLC161- Overload Limiter Crane Load Limiter Pin Type Load Cell / Force Sensor

Model: MLC161

Category: Bridge Type Load Cell

Capacity: 2t,3t,4t

Dimensions $\Phi 55 \times 123\text{mm}$

Material: Alloy Steel, Stainless Steel

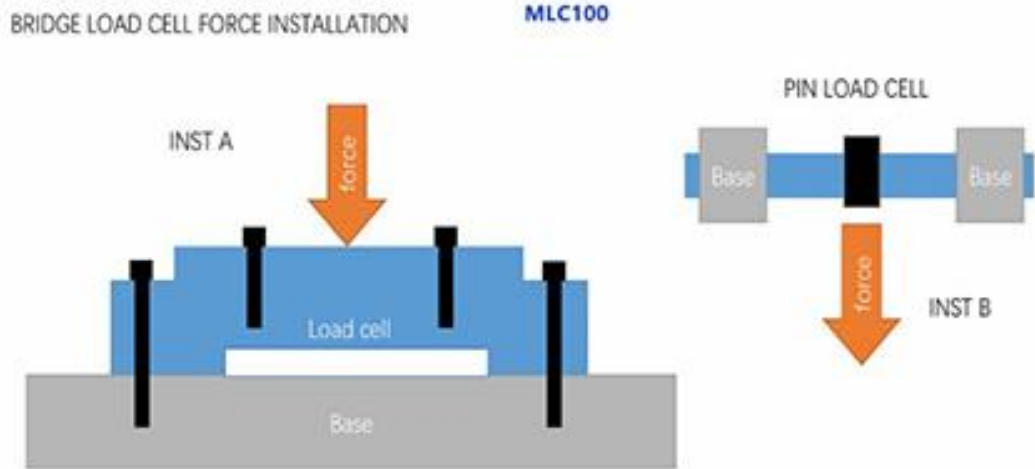
Application: Overload Limiter, Overload Test, Crane Scale / Hook Scale



Technical Specifications

Comprehensive Error	0.5%FS	Output Resistance	702 $\pm$ 5 Ω
Rated Output	1.0 $\pm$ 0.005mv/v	Insulation Resistance	$\geq$ 5000M Ω (100VDC)
Non-linearity	0.05%FS	Excitation Voltage	9~12VDC
Hysteresis	0.05%FS	Compensated Temp Range	10~+40 $^{\circ}$ C
Repeatability	0.03%FS	Operating Temp Range	20~+55 $^{\circ}$ C
Creep	0.03%FS/10MIN	Temp Effect on Zero	0.05%FS/10 $^{\circ}$ C
Zero Balance	$\pm$ 1%FS	Temp Effect on Sensitivity	0.05%FS/10 $^{\circ}$ C
Input Resistance	750 $\pm$ 10 Ω	Protection Class	IP66 & IP68

Force Structure



Product Dimensions

