



MLC918C-Kitchen ScaleHalf BridgeStrain GaugeLoad Cell

Model: MLC918C

Product Category: MiniatureLoad Cell

Range: 3kg、5kg、6kg、7.5kg

Dimensions: 25*32*1.0/1.5mm

Material: Alloy Steel

Overload Protection: 120%UltimateOverload: 百分 150

Application Range: Baby Scale、Pet Scale、Kitchen Scale、Miniature Force, SmartWeighingEquipment



Range (kg)	Thickness (mm)	Bridge Type	Output (mv/v)	Overload (kg)
5	1.0mm	Half Bridge	1.0±0.15mv/v	6
6	1.0mm	Half Bridge	1.2 ±0.15mv/v	7.2
7.5	1.5mm	Half Bridge	1.0 ±0.15mv/v	9
Technical Parameters				
Comprehensive Error:	0.05%FS	Output Resistance:	1000Ω±5%	
Rated Output-Full Bridge:	See Table Above	Input Resistance:	1000Ω±5%	
Rated Output-Half Bridge:	See Table Above	Insulation Resistance:	≥2000MΩ (100VDC)	
Non-linearity:	0.05%FS	Excitation Voltage:	2~10VDC	
Hysteresis:	0.05%FS	Operating Temperature:	-20~+55 C	
Repeatability:	0.05%FS	温°Effect on Zero:	0.1%FS/10°C	
Creep:	0.03%FS/10MIN	温°对 SensitivityEffect:	0.05%FS/10°C	
Zero Balance:	±0.3mV/V	Protection Class:	IP65Protection Class	
储存条件	10 至 50° C, 湿° 最大 85%	匹配误差	0.5uv	

Force Structure



Product Dimensions

