



MLC707HB-MiniatureForce Sensor

Product Category: MiniatureLoad Cell

Load Range: 50kg

Dimensions: 70*10*6mm

Material: Aluminum Alloy

Overload Protection: 120%F.S

UltimateOverload: 150%F.S

Application: Miniature Force, RobotForce Measurement, Robotic ArmForce Measurement, Stress Switch, Automation Equipment

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Technical Parameters

Comprehensive Error:	0.22%F.S	Output Resistance:	1000Ω±5%
Rated Output:	2.0±0.2Mv/v	Insulation Resistance:	≥3000MΩ (50VDC)
Non-linearity:	0.2%F.S	Excitation Voltage:	9~12VDC
Hysteresis:	0.2%F.S	Compensated Temp Range:	-5~+40 C
Repeatability:	0.1%F.S	Operating Temperature:	-10~+55 C
Creep:	0.1%F.S/10Min	温° Effect on Zero Effect:	0.2%F.S/10° C
Zero Balance:	±0.1Mv/v	温°对 Sensitivity Effect:	0.05%F.S/10° C
Input Resistance:	1000Ω±5%	Protection Class:	IP66Protection Class

Force Structure

