



MLC928DSD-MiniatureStrain GaugeForce Sensor

Model: MLC928DSD

Product Category: MiniatureLoad Cell

Range: 10kg、15kg、30kg、50kg

Dimensions: 18*18*1.5/2/2.5mm

Material: Alloy Steel

Application Range: Miniature Force, Robot, Robotic Arm, Drone, Stress Switch



Capacity (kg)	Thickness (mm)	Bridge Type	Output (mv/v)	Overload (kg)
10	1.5	Full Bridge	0.7mv±0.2mv/v	15
30	2.0	Full Bridge	0.7mv±0.2mv/v	45
50	2.5	Full Bridge	0.7mv±0.2mv/v	60

Technical Parameters

Comprehensive Error:	0.1%FS	Output Resistance:	1000Ω±5%
Rated Output-FB:	See Table Above	Input Resistance:	1000Ω±5%
Rated Output-HB:	N/A	Insulation Resistance:	≥2000MΩ (100VDC)
Non-linearity:	0.1%FS	Excitation Voltage:	3~10VDC
Hysteresis:	0.1%FS	Operating Temperature:	-20~+55 C
Repeatability:	0.1%FS	温°Effect on Zero:	0.3%FS/10°C
Creep:	0.1%FS/10MIN	温°对 SensitivityEffect:	0.1%FS/10° C
Zero Balance:	±0.3MV/V	Protection Class:	IP65Protection Class

Force Structure



Product Dimensions

