



MLC928DSA-MiniatureStrain GaugeForce Sensor

Model: MLC928DSA

Product Category: MiniatureLoad Cell

Load Range: 5kg、10kg、15kg、20kg、30kg、50kg、75kg

Dimensions: 26*18*1.0/1.5/2.0/2.5/3.0mm

Material: Alloy Steel

Suitable for: Miniature Force, Robot, Robotic Arm, Drone, Stress Switch



Load Range (kg)	Thickness (mm)	Bridge Type	Output (mv/v)	Overload (kg)
5	1.0mm	Full Bridge	1.6 mv±0.15mv/v	7.5
10	1.5mm	Full Bridge	1.0±0.15mv/v	15
15	1.5mm	Full Bridge	1.6±0.15mv/v	22.5
20	1.5mm	Full Bridge	2.0±0.15mv/v	30
30	2.0mm	Full Bridge	1.6±0.15mv/v	45
40	2.0mm	Full Bridge	2.2±0.15mv/v	60
50	2.5mm	Full Bridge	1.6±0.15mv/v	75
75	3.0mm	Half Bridge	1.3±0.15mv/v	90
75	3.0mm	Full Bridge	2.5±0.15mv/v	112.5

Technical Parameters

Comprehensive Error:	0.05%FS	Output Resistance:	1000±10Ω
Rated Output-Full Bridge:	See Table Above	Input Resistance:	1000±10Ω
Rated Output-Half Bridge:	See Table Above	Insulation Resistance:	≥2000MΩ (100VDC)
Non-linearity:	0.05%FS	Excitation Voltage:	3~10VDC
Hysteresis:	0.05%FS	Operating Temperature:	-20~+55℃
Repeatability:	0.05%FS	温°Effect on Zero Effect:	0.1%FS/10℃



MANYYEAR TECHNOLOGY

MiniatureLoad Cell-Steel LeafSensor

Creep:	0.05%FS/10Min	温°对 Sensitivity Effect:	0.1%FS/10° C
Zero Balance:	±0.3mV/V	Protection Class:	IP68Protection Class

Force Structure



Product Dimensions

