



MLC928DSC-MiniatureStrain GaugeForce Sensor

Model: MLC928DSC

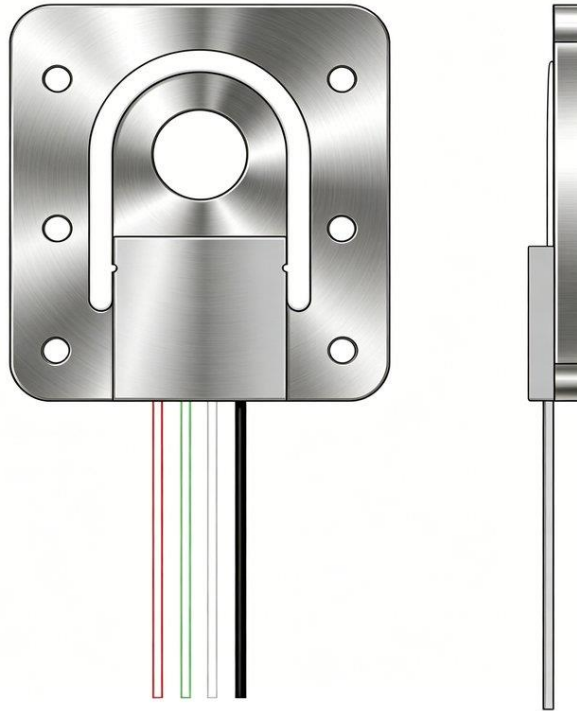
Product Category: MiniatureLoad Cell

Range: 150kg、180kg、200kg

Dimensions: 53*48*3/4/5/6 mm

Material: Alloy Steel

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

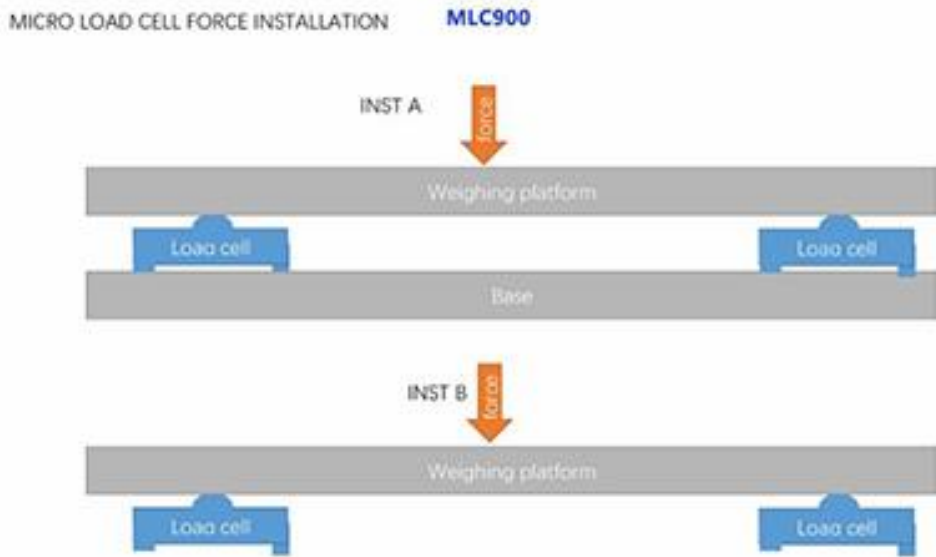


Range (kg)	Thickness (mm)	Bridge Type	Output (mv/v)	Overload (kg)
150	4	Full Bridge	1.0mv±0.15mv/v	180
180	5	Full Bridge	1.0mv±0.15mv/v	216
200	6	Full Bridge	1.0mv±0.15mv/v	258

Technical Parameters

Comprehensive Error:	0.1%FS	Output Resistance:	1000Ω±5%
Rated Output-Full Bridge:	See Table Above	Input Resistance:	1000Ω±5%
Rated Output-Half Bridge:	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

