



MLC700YA-MiniatureForce Sensor

Model: MLC700YA

Product Category: MiniatureLoad Cell

Load Range: 5kg、10kg、20kg

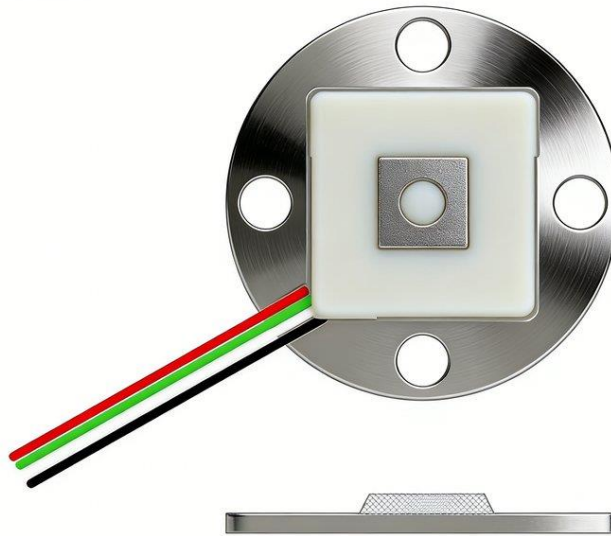
Dimensions: $\Phi 15^* 1\text{mm}, 1.5\text{mm}, 2.0\text{mm}$

Material: Alloy Steel

Overload Protection: 120%F.S

UltimateOverload: 150%F.S

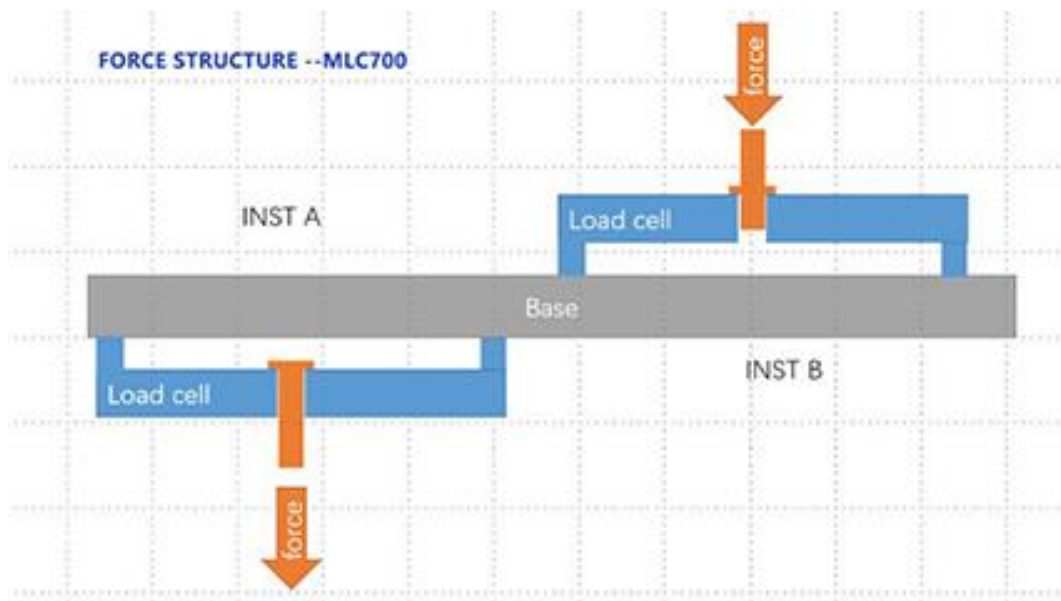
Application: Miniature Force, RobotForce Measurement, Robotic ArmForce Measurement, Stress Switch, Automation Equipment



Technical Parameters

Comprehensive Error:	0.1%FS	Output Resistance:	1000 Ω ±5%
Rated Output:	1.5±0.15mV/V	Insulation Resistance:	≥2000M Ω (100VDC)
Non-linearity:	0.3%FS	Excitation Voltage:	3~12VDC
Hysteresis:	0.3%FS	Compensated Temp Range:	-10~+60 C
Repeatability:	0.1%FS	Operating Temperature:	-0~+40 C
Creep:	0.2%FS/3Minutes	温° Effect on Zero Effect:	0.2%FS/10°C
Zero Balance:	1±0.3 mV/V	温°对 SensitivityEffect:	0.2%FS/10°C
Input Resistance:	1000 Ω ±5%	Protection Class:	IP66Protection Class

Force Structure



Product Dimensions

