



S-typeTension Load Cell

MLC310-Textile Tension, Winding Tension, Robot MiniatureS-typeLoad Cell / Force Sensor

Model: MLC310

Category: S-typeLoad Cell

Capacity: 0.5-10, 15,20,50,100,200kg

Dimensions: 19.1*16*5mm, 40*16*14mm

Material: Stainless Steel, Alloy Steel

Dimensions: 19.1*16*6mm

Application: 纺织 TensionMeasurement, 绕线 TensionMeasurement, Robotic Arm 应力 Measurement, Handheld Scale, Miniature Force



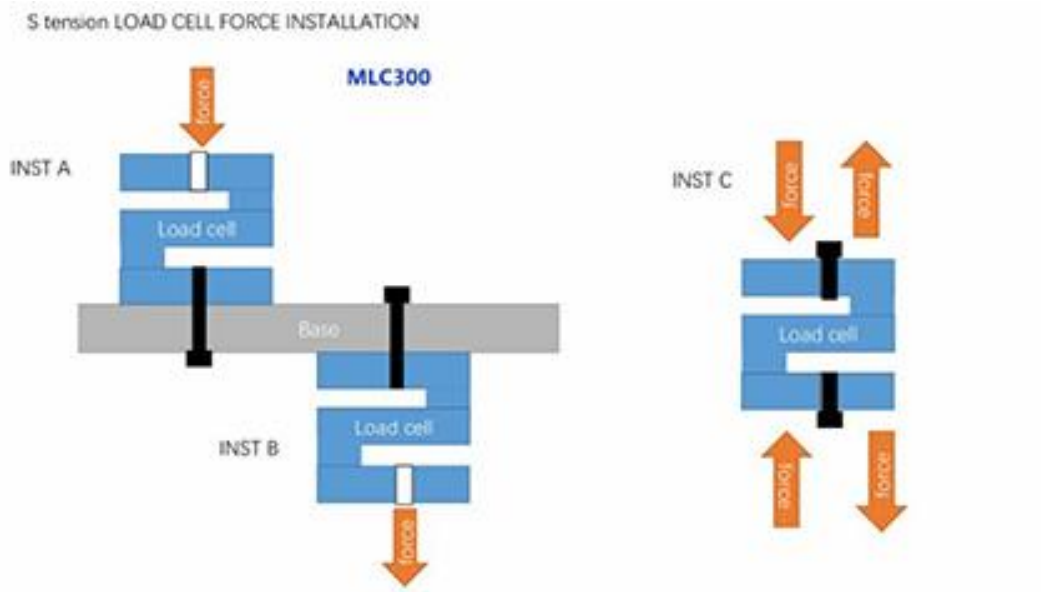
OthersDimensions

Capacity	0.5-10kg	20-50kg	100-200kg
M	M3	M4	M8
H	5	6	14
A	16	16	26
B	19.1	19.1	40

Technical Specifications

Comprehensive Error:	0.1%FS	Output Resistance:	350±5Ω
Rated Output:	1.2±0.15MV/V	Insulation Resistance:	≥5000MΩ(100VDC)
Non-linearity:	0.1%FS	Excitation Voltage:	9~12VDC
Hysteresis:	0.1%FS	Compensated Temp Range:	10~+40°C
Repeatability:	0.02%FS	Operating Temperature:	20~+65°C
Creep:	0.03%FS/10Min	温°Zero Effect:	0.03%FS/10°C
Zero Balance:	±0.1MV/V	温°SensitivityEffect:	0.02%FS/10°C
Input Resistance:	350±5Ω	Protection Class:	IP66

Force Structure



Product Dimensions

