



### MLC310 - Textile Tension Winding Tension Robot Micro Force Sensor

Model: MLC310

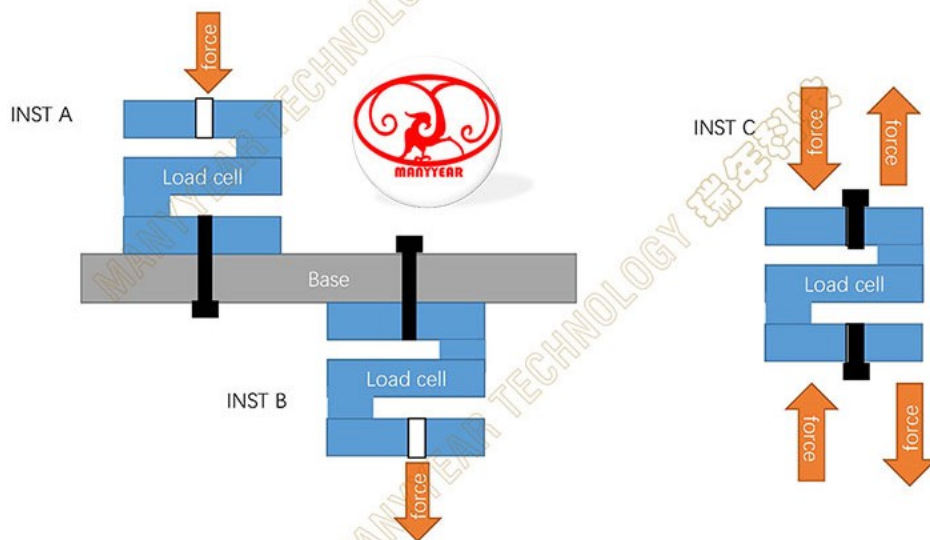
Category: S type load cell

Range: 50g,100g 250g,500g,1kg, 5kg,10kg,15,20,50,100,200kg

Product size: 19.1\*16\*5; 19.1\*16\*6;40\*26\*14mm

Material: stainless steel, alloy steel, aluminium alloy

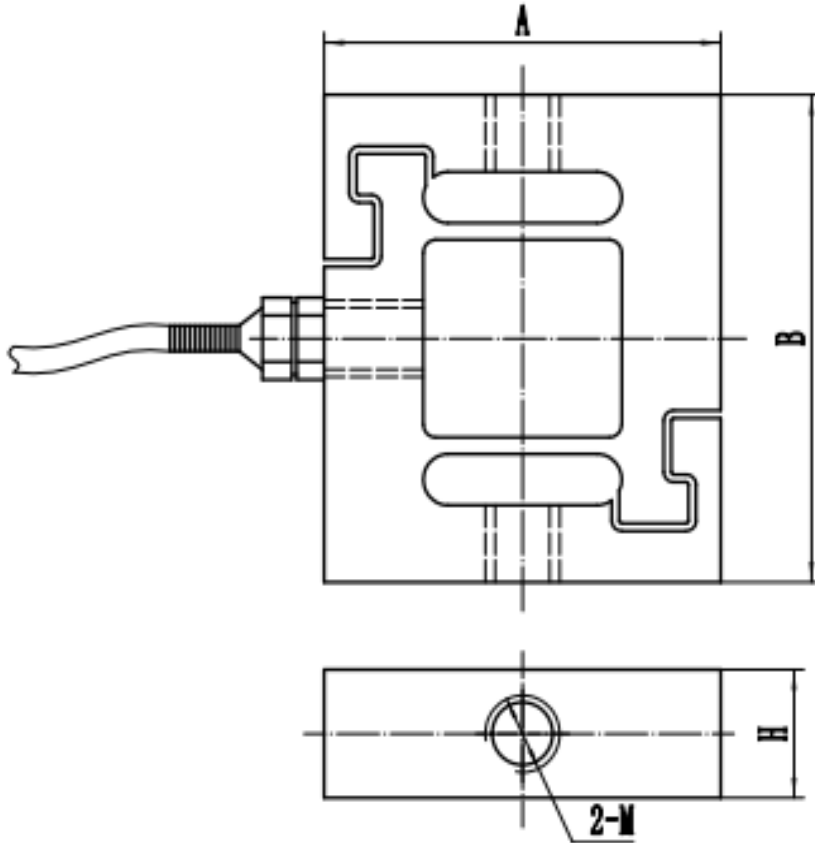
Application: textile tension measurement, winding tension measurement, machine arm stress measurement, portable scale, micro force mea





## MANYEAR TECHNOLOGY

### Tension and Compression Load Cell Catalog



Range	M	H	A	B
0-50,100,250G	M3	5	16	19.1
0.5-10kg	M3	5	16	19.1
20-50kg	M4	6	16	19.1
100-200kg	M8	14	26	40

Technical Specification			
Comprehensive error:	0.1%FS	Output resistance:	350±5Ω
Rated output:	0.4,0.5,0.8,1.2,1.5,2.0±0.15mV/V	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	0.1%FS	Operating Voltage:	9~12VDC
Lag:	0.1%FS	Compensation temperature:	-10~+40°C
Repeatability:	0.02%FS	Operating temperature:	-20~+65°C
Creep:	0.03%FS/10min	Effect of Temp. on zero point:	0.03%FS/10°C
Zero balance:	±0.1mV/V	Effect of Temp. on sensitivity:	0.02%FS/10°C
Input resistance:	350±5Ω	Protection level:	IP66