

MLC20 4F A – Miniature tension and compression force sensor with bellows

Model: MLC204F A

Category: Diaphragm Type Load Cell

Range: 1kg, 2kg, 3kg, 5kg, 10kg, 20kg, 50kg, 100kg, 200kg

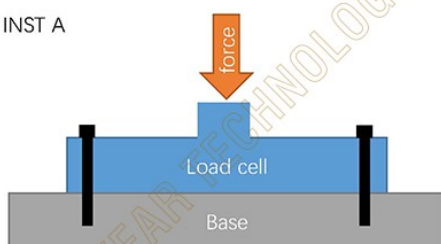
Size: 29*38mm;33*46mm

Material: Alloy steel, Stainless steel

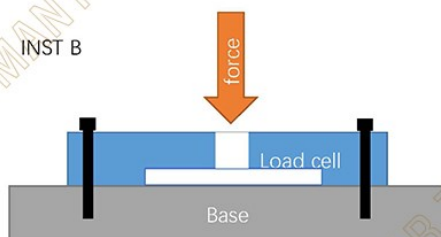
Application: Micro dynamometer, tensile tester, compression tester, crane scale



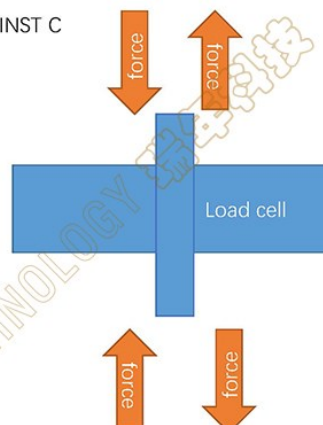
INST A

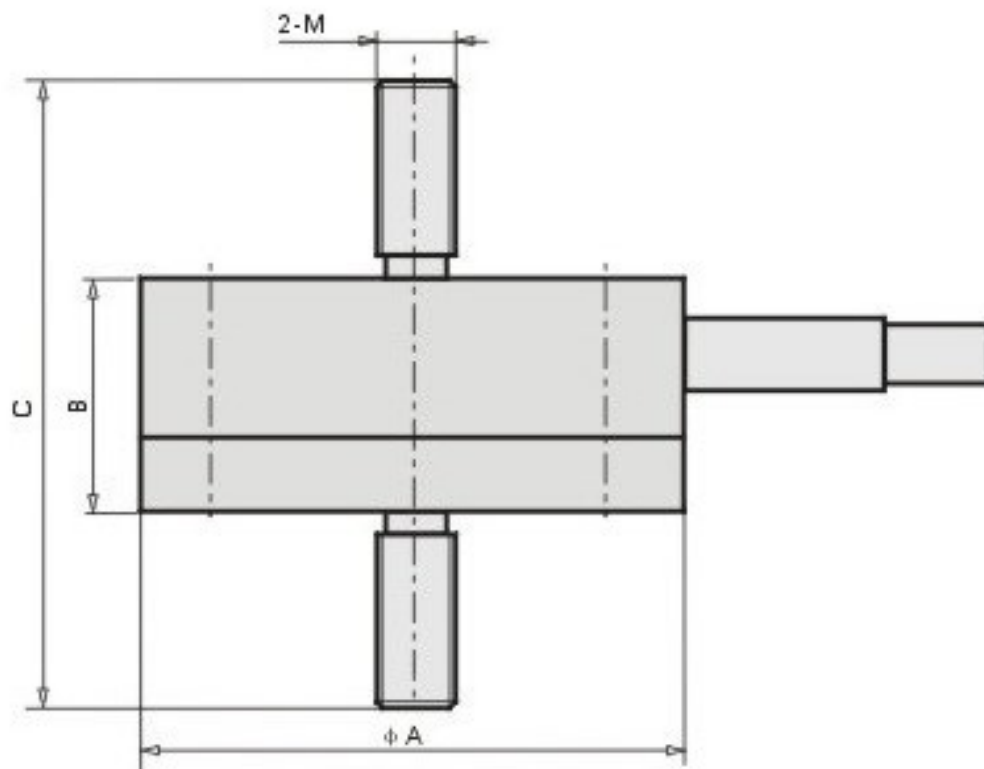


INST B



INST C





Other sizes

Range	1~5kg	10~200kg
"A " size	29mm	33mm
"B " size	16mm	22mm
"C " size	38mm	46mm
"M " size	M4*0.7mm	M6*1mm

Technical specifications

Comprehensive error:	0.2%FS	Output resistance:	350±10Ω , 700±5Ω
Rated output:	1±0.15 mV/V	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	0.2%FS	Operating Voltage:	9~12VDC
Lag:	0.2%FS	Compensation temperature:	-10~+40°C
Repeatability:	0.1%FS	Operating temperature:	-20~+55°C
Creep:	0.03%FS/10min	Effect of Temp. on zero point:	0.05%FS/10°C
Zero Balance:	±5%FS	Effect of Temp. on sensitivity:	0.05%FS/10°C
Input resistance:	350±10Ω , 700±5Ω	Protection level:	IP66