

MLC205SS – Miniature bolt-type force sensor for pressure and tension measurement

Model: MLC205SS

Category: Spoke Load Cell

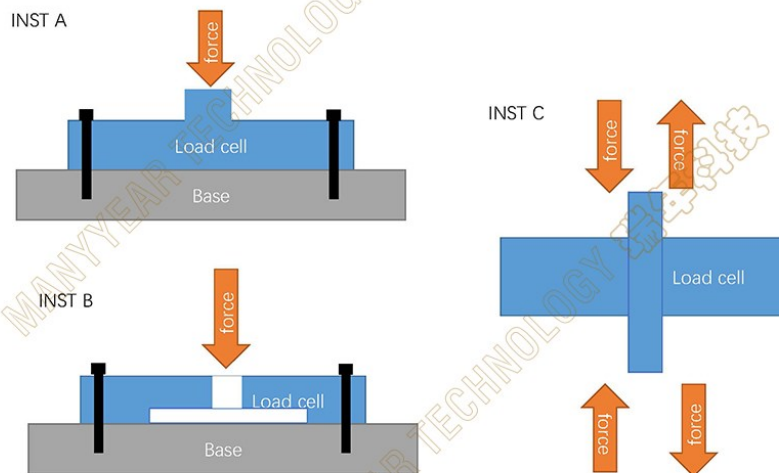
Range: 10kg, 15kg, 20kg, 30kg, 50kg, 100kg, 200kg, 300kg, 400kg, 500kg

Size: 33* ϕ 13mm

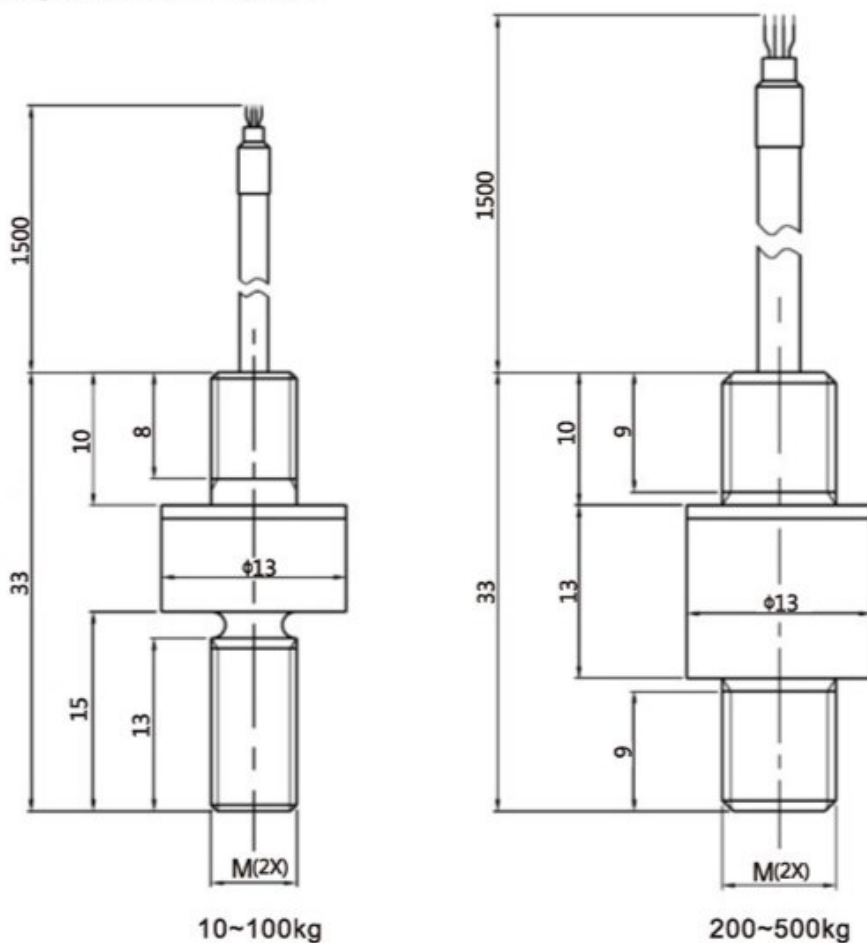
Cable: ϕ 2*2000mm

Material: stainless steel

Application: Miniature force sensor, tensile test machine, compression test machine, screw force measurement



外形尺寸 External Dimension



量程(kg)	M	电缆线	重量
10, 15, 20, 30, 50, 100	M6	φ2	0.1kg
200, 300, 400, 500	M8	φ2	0.1kg

Technical specifications

Comprehensive error:	0.2%FS	Output resistance:	350/500/1000Ω
Rated output:	1.0±20% mV/V	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	1.0%FS	Operating Voltage:	5~10VDC
Lag:	0.5%FS	Compensation temperature:	-20~+80℃
Repeatability:	0.5%FS	Operating temperature:	-20~+80℃
Creep:	0.1%FS/30min	Effect of Temp. on zero point:	0.2%FS/10℃
Zero Balance:	±5%FS	Effect of Temp. on sensitivity:	0.2%FS/10℃
Input resistance:	350/500/1000Ω	Protection level:	IP66
Cable Specifications	Φ2*2m	Cable ultimate tension:	10kg