

MLC204E50 Robot intelligent switch micro force measurement button type micro force sensor 2000kg

Model: MLC204E50

Category: Button Type Load Cell

Range: 0.1-2ton

Size: $\Phi 50 \times 13\text{mm}$

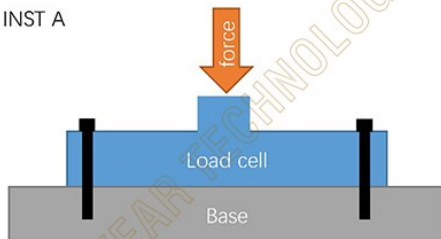
Material: Alloy steel, Stainless steel

Safe overload 120% FS Overload limit: 150% FS

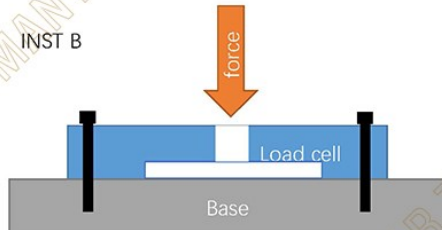
Application: Robot intelligent switch micro force measuring machine



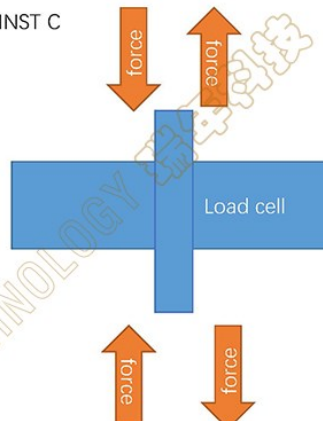
INST A

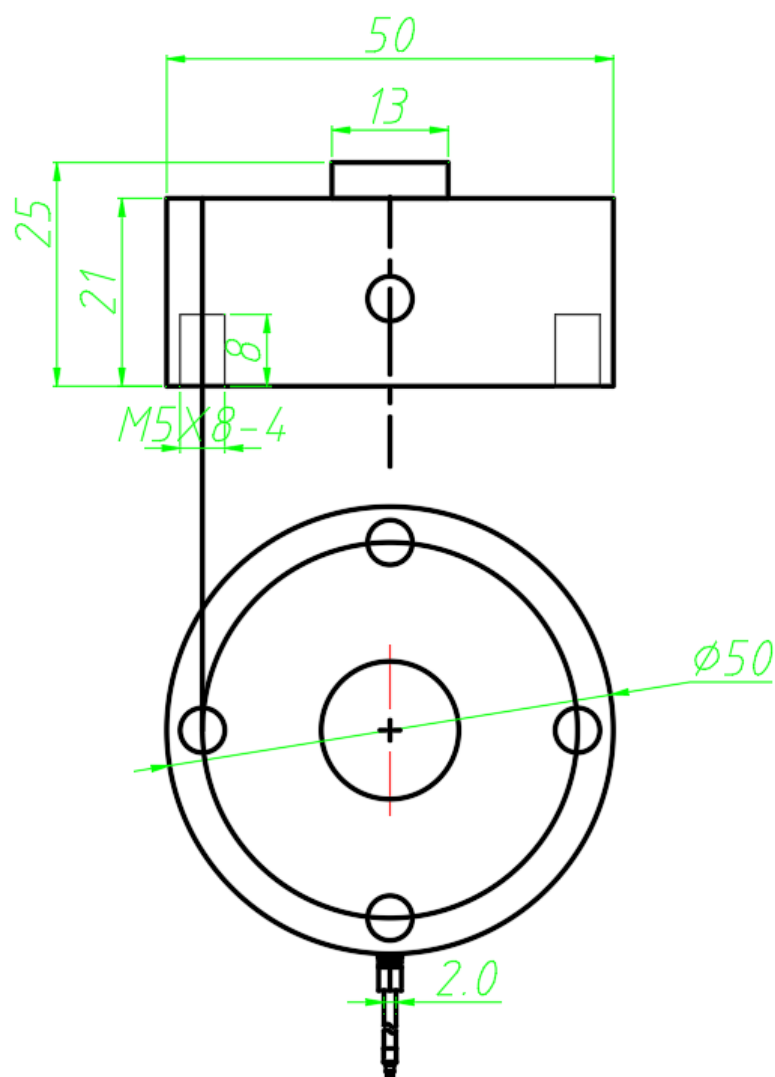


INST B



INST C





Technical specifications

Comprehensive error:	0.5%FS	Output resistance:	700 $\pm$ 5 Ω
Rated output:	1.5~2.0mV/V	Insulation resistance:	$\geq$ 5000M Ω (50VDC)
Nonlinearity:	$\pm$ 0.5%FS	Operating Voltage:	5~10VDC
Lag:	$\pm$ 0.5%FS	Compensation temperature:	-10~40°C
Repeatability:	$\pm$ 0.5%FS	Operating temperature:	-20~60°C
Creep:	$\pm$ 0.1% FS(30min)	Effect of Temp. on zero point:	$\pm$ 0.05%FS/10°C
Zero Balance:	$\pm$ 0.03 mV/V	Effect of Temp. on sensitivity:	$\pm$ 0.05%FS/10°C
Input resistance:	750 $\pm$ 50 Ω	Protection level:	IP65