

MLC204E15 Robot Intelligent Switch Micro Force Sensor 200kg

Model: MLC204E15

Category: Button Type Load Cell

Range: 3,5,10,30,50,100,150,200kg

Size : $\varnothing$ 15*7mm

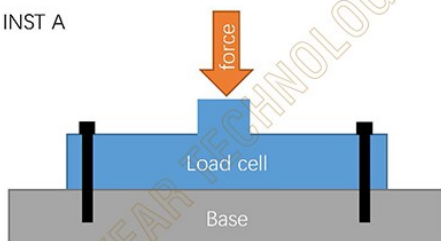
Material: Stainless steel

Safe overload: 150% FS Ultimate overload: 200% FS

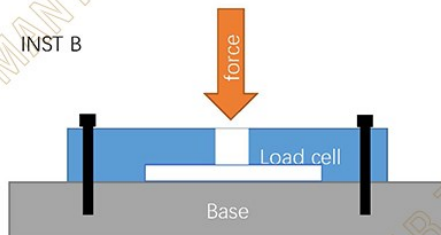
Application : Robot intelligent switch micro force measurement



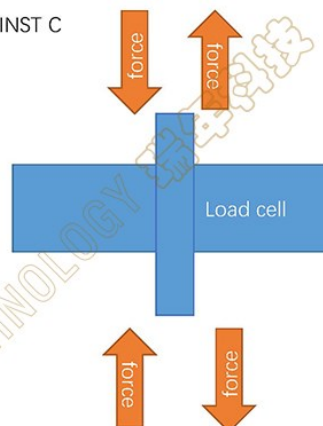
INST A

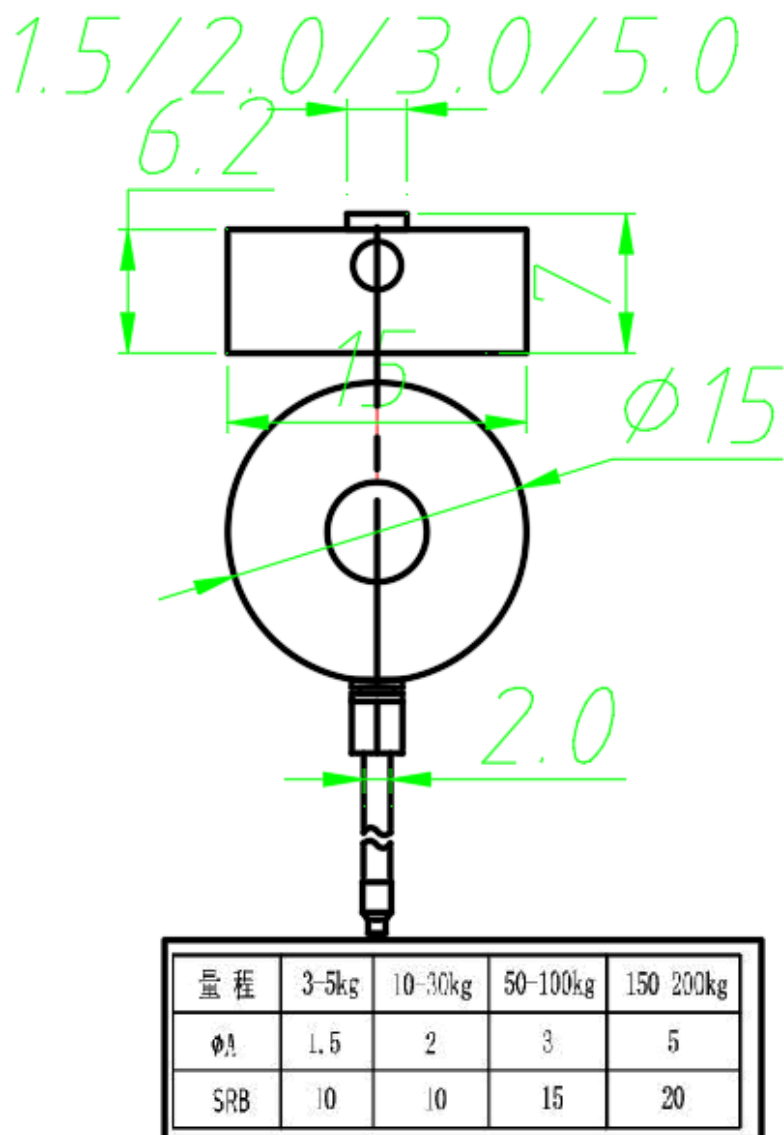


INST B



INST C





Technical specifications

Comprehensive error:	0.5%FS	Output resistance:	1000 $\pm$ 10 Ω
Rated output:	0.5-1.5mV/V	Insulation resistance:	$\geq$ 2000M Ω (100VDC)
Nonlinearity:	0.5%FS	Operating Voltage:	3-5VDC
Lag:	0.5%FS	Compensation temperature:	-10~+40°C
Repeatability:	0.5%FS	Operating temperature:	-30~+70°C
Creep:	0.3%FS/30min	Effect of Temp. on zero point:	0.2%FS/10°C
Zero Balance:	$\pm$ 2%FS	Effect of Temp. on sensitivity:	0.2%FS/10°C
Input resistance:	1000 $\pm$ 10 Ω	Protection level:	IP66