



MLC304TG Micro Tension Sensor Winding Tension Load Cell

Model: MLC304tg

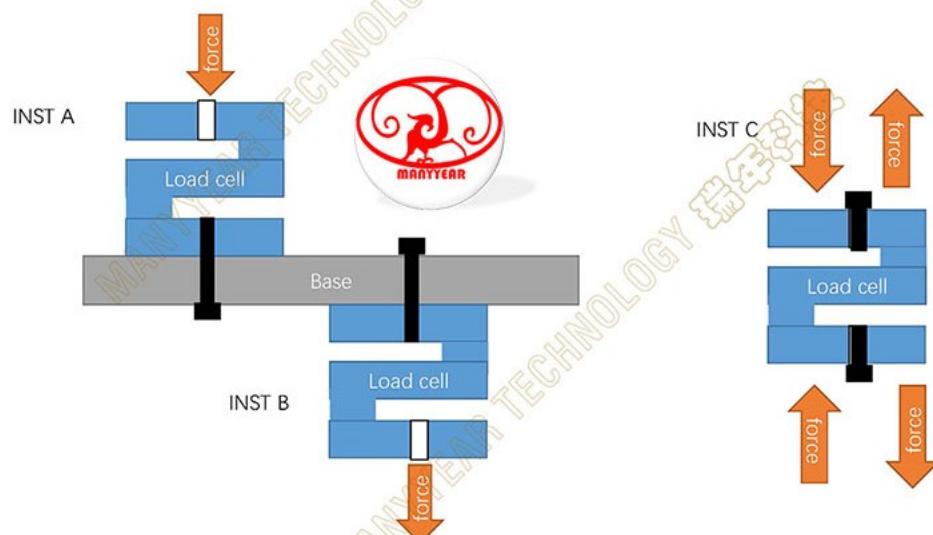
Category: S-type load cell

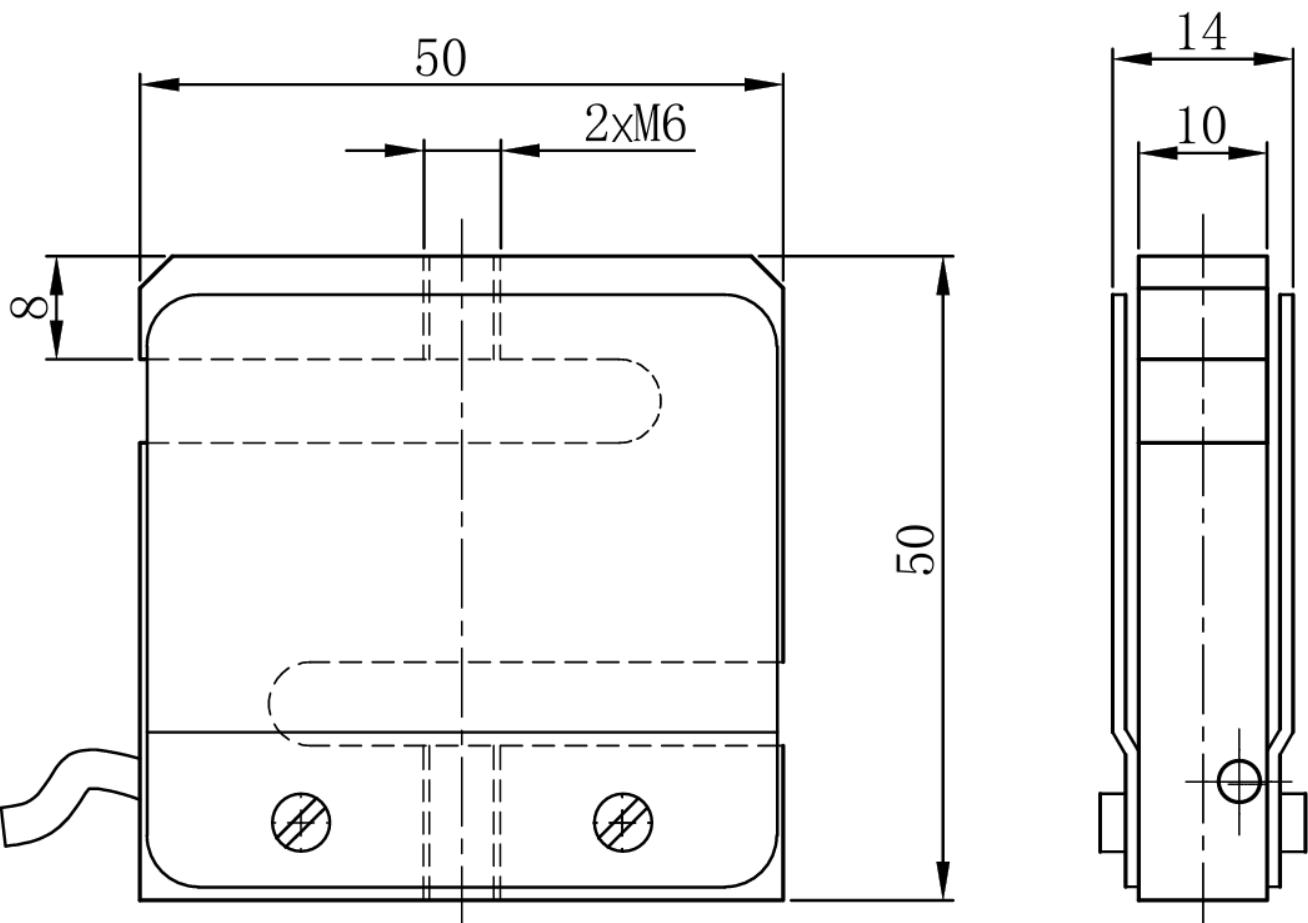
Range: 1,2,5,10kg

Size: 50x50x14mm

Material: Alloy aluminium

Applications: Wire tension measurement, textile tension measurement, 3D printing force measurement, robotic arm force measurement



**Other sizes****Technical specifications**

Comprehensive error:	0.017%FS	Output resistance:	$350\pm5\Omega$
Rated output:	$1\pm0.002\text{mv/v}$	Insulation resistance:	$\geq5000\text{M}\Omega(100\text{VDC})$
Nonlinearity:	0.017%FS	Operating Voltage:	9~12VDC
Lag:	0.017%FS	Compensation temperature:	-10~+40°C
Repeatability:	0.01%FS	Operating temperature:	-20~+65°C
Creep:	0.016%FS/10Min	Effect of Temp. on zero point:	0.017%FS/10°C
Zero balance:	$0\pm-0.002\text{mv/v}$	Effect of Temp. on sensitivity:	0.017%FS/10°C
Input resistance:	$420\pm5\Omega$	Protection level:	IP66