

"TCL-LR" / Inductance type with a spring

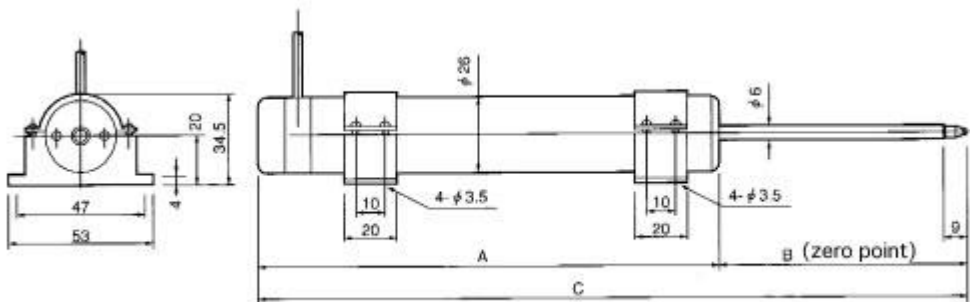


Features

- High response type. Noiseless.
- Can measure reaction force with built-in spring.
- Accuracy class: 0.5% RO.

Related products : [Sliding resistance](#) / [Dial-gage](#) / [Small Cantilever](#) / [Long stroke](#) / [Inductance "L"...](#)

Appearance Dimensions



Model and Capacity / Dimension / etc. (unit : mm)

Model	Capacity	A	B	C	Reaction force(N):start point/end point	Weight
TCL-2.5LR	2.5mm	114	46	160	1.8/2.4	0.5kg
TCL-5LR	5mm	114	46	160	1.8/2.4	0.5kg
TCL-10LR	10mm	124	56	180	1.8/2.4	0.5kg
TCL-20LR	20mm	129	61	190	1.8/2.6	0.6kg
TCL-50LR	50mm	169	91	260	1.8/3.5	0.8kg
TCL-100LR	100mm	249	141	390	1.8/5.0	1.0kg

- * The weight indicated in the tables of this data sheet does not include the weight of cables.

Specifications

Rated Output	0.75mV/V±20% (2.5mm)
	1.0mV/V±20% (5mm)
	1.5mV/V±20% (10 to 100mm)
Nonlinearity	0.5%RO
Hysteresis	0.5%RO
Repeatability	0.3%RO
Excitation Voltage	AC 2V
※Strain Amplifiers of the frequency of 5kHz in its bridge power supply	
Input Rsistance	160Ω
Output Rsistance	120Ω
Compensated Temp.Range	0 to 50°C
Safe Temp.Range	0 to 60°C
Temp.Effect on Zero	0.02%RO/°C
Cable	Φ3mm-4wire shielded cable, length : 5m
Attached connector	PRC03-12A10-7M