



This is I.T. Co., Ltd.

1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.

T.Samrongnua A.Muang Samutprakarn Thailand 10270

Hot Line: 091-095-8123 Site: www.thisisit.co.th E-mail: sales@thisisit.co.th

TCL-M – SMALL CANTILEVER TYPE DISPLACEMENT TRANSDUCER

Features

- Small size. Light weight. Low cost.
- Less variation with lapse of time because of the cantilever system employed.
- Accuracy class: 0.5% RO.



Specifications

Rated Output	1.5mV/V±1%
Nonlinearity	0.5%RO
Hysteresis	0.5%RO
Repeatability	0.3%RO
Excitation Voltage	3V (or less)
Safe Excitation Voltage	4V
Input Resistance	120Ω
Output Resistance	120Ω
Compensated Temp.Range	0 to 50°C
Safe Temp.Range	0 to 60°C
Temp.Effect on Zero	0.05%RO/°C
Temp.Effect on Output	0.08%/°C
Cable	Φ4mm-4wire shielded cable, length: 0.3m
Attached connector	Jack / PRC03-32A10-7F

NOTE: C-A-5 Relay Cable is sold separately



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Tokyo Japan



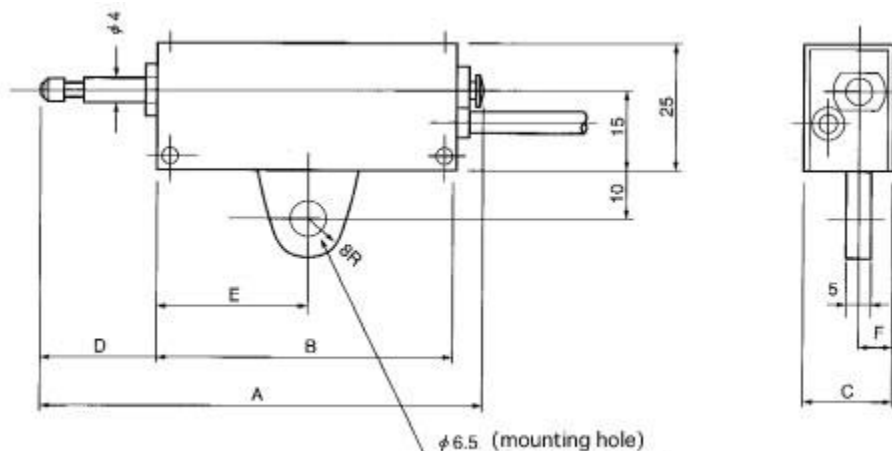
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Appearance Dimensions



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

Model	Capacity	A	B	C	D	E	F	Reaction force(N):start point/end point	Weight
TCL-5M	5mm	67	45	22	18	20	11	2.0/5.0	150g
TCL-10M	10mm	91	60	18	25	30	7	2.0/5.0	200g
TCL-20M	20mm	101	60	18	35	30	7	1.5/4.5	250g
TCL-30M	30mm	131	80	18	45	40	7	1.0/4.0	300g
TCL-50M	50mm	171	100	18	65	50	7	1.0/4.0	400g

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



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