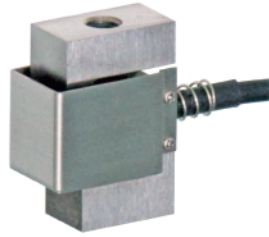


TCLS-TMI

- Capacities : 500N...2kN
- Suitable for measuring tension and compression in applications where the available space is limited



Model

Rated Capacity	
TCLS-	-TMI
500N	500N (51kgf)
1kN	1kN (102kgf)
2kN	2kN (204kgf)

Specifications

Rated output (R.O.)	Approx. 1.5mV/V
Zero balance	±10%R.O.
Nonlinearity	±0.2%R.O.
Hysteresis	±0.2%R.O.
Temperature effect on zero	±0.05%R.O./°C
Temperature effect on output	±0.05%LOAD/°C
Temperature range, compensated	-10°C~+60°C
Temperature range, safe	-30°C~+80°C
Maximum safe overload	120%R.C.
Excitation, recommended	5V
Excitation, maximum	10V
Input impedance (approx.)	175~350Ω
Output impedance (approx.)	175~350Ω
Insulation resistance	>1000MΩ (B/E DC50V)
Cable type	φ3, 4-wire, PVC, braid shield
Cable length	1m
Construction	Stainless steel

Cable color code

Item	Color
Excitation +	Red
Excitation -	White
Signal output +	Green
Signal output -	Black
Shield	Yellow

Mechanical characteristics

Model	Rated deflection	Natural Frequencies (Approx.)	Weight (Approx.)
TCLS-500N-TMI	<0.01mm	6kHz	21g
TCLS-1kN-TMI		8.5kHz	
TCLS-2kN-TMI		8.1kHz	

Outline dimensions (mm)

