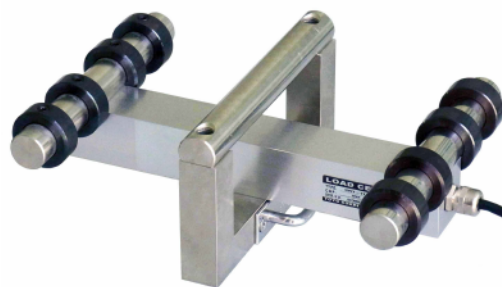


# Tension Measurement Load cell

# CRT

- Capacities : 10kN...40kN
- The rope sensor system combines an aluminium sensor and a steel rope fixing clamp, specifically designed for installation on the ropes of the elevator car making them ideal for both new lift and retrofit applications.



## Model

Rated Tension ※

**CRT-**

※. Please share the information of elevator car and the amount of ropes.

500L	10kN (1.02tf)
750L	20kN (2.04tf)
1T	30kN (3.06tf)
1.25T	40kN (4.08tf)

## Specifications

Rated output (R.O.)	2mV/V
Rated output tolerance	±20%
Zero balance	±3%R.O.
Nonlinearity	±1%R.O.
Hysteresis	±1%R.O.
Repeatability	±1%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	-20°C~+70°C
Maximum safe overload	150%R.C.
Ultimate overload	300%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance (approx.)	400Ω±15Ω
Output impedance (approx.)	350Ω±5Ω
Insulation resistance	>1000MΩ (B/E DC50V)
Cable type	φ5, 4-wire, PVC, braid shield
Cable length	3m
Construction	Aluminum
Weight (approx.)	2.5kg

## Cable color code

Item	Color
Excitation +	Red
Excitation -	White
Signal output +	Green
Signal output -	Blue
Shield	Shield

## Outline dimensions (mm)

