

MODEL CRT-M SPECIFICATION

The rope sensor is designed to be used on the elevator ropes.



Metrology and Electrical Specifications

Rated Output	2 +/- 10%	mV/V
Zero Balance	3	+/- mV/V
Total Error	0.075	+/- % of applied
Nominal input voltage	10	load
Maximum input voltage	15	VV
Input resistance	415 +/- 15	ohms
Output resistance	350 +/- 3	ohms

Product Description

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.

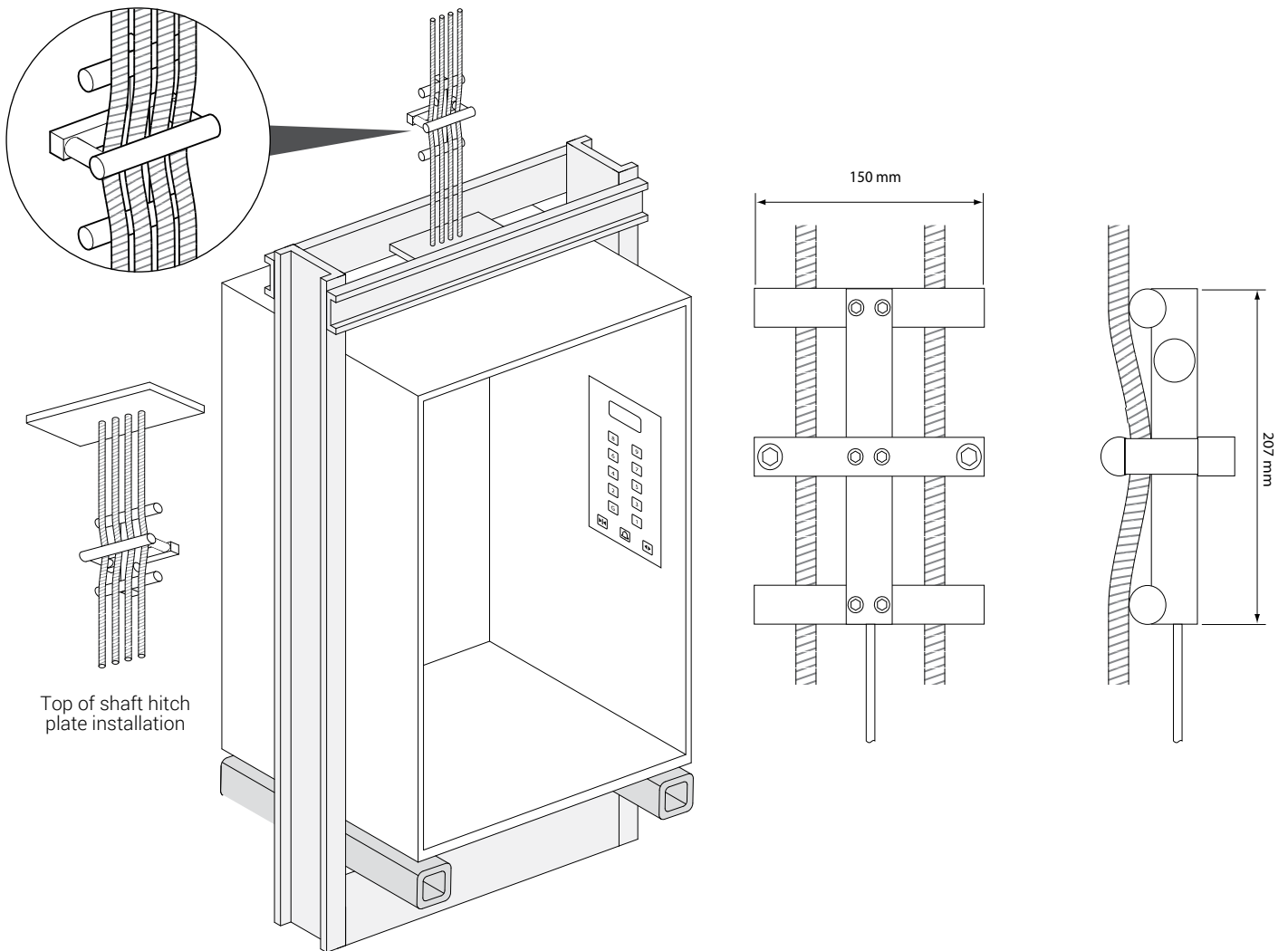
General Specifications

Overload	150	% rated load
Ultimate load	300	% rated load
Temperature range	-20 to +60	C
Protection	IP66	
Material	Anodized Aluminum	
Cable length	9	Metres

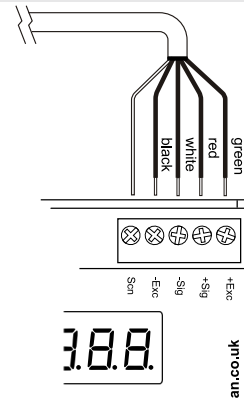
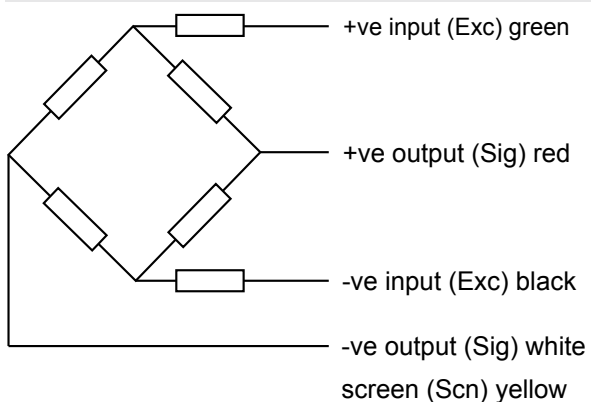
Rope Sensor

Aircraft grade aluminium
Suitable for rope sizes 6mm - 13mm
Ease of installation

Technical Illustrations



Wiring Schematic Diagram



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MODEL CRT-MX SPECIFICATION

Rope sensor with mounting clamp designed to be used on higher capacity elevators



Metrology and Electrical Specifications

Rated Load	3000/4500	Kg
Rated Output	2 +/- 0.005	mV/V
Non Linearity/Creep/Hysteresis	0.03	% Rated Load
Nominal input voltage	10	Vdc
Maximum input voltage	12	Vdc
Input resistance	760+/- 10	ohms
Output resistance	700 +/- 2	ohms

Product Description

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.

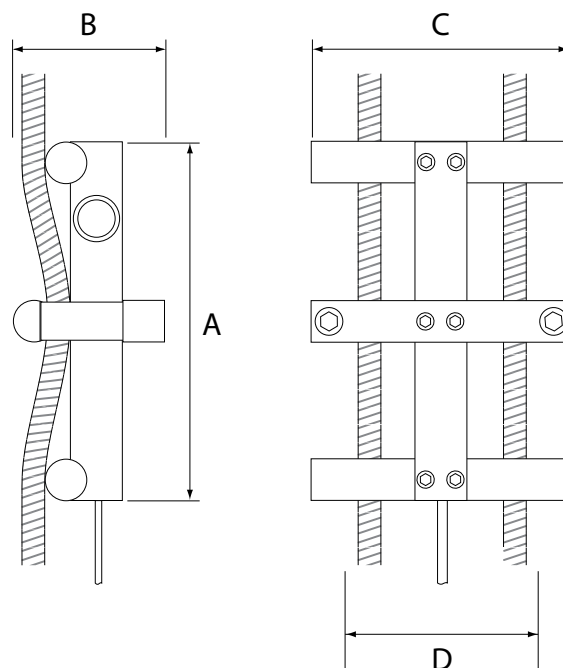
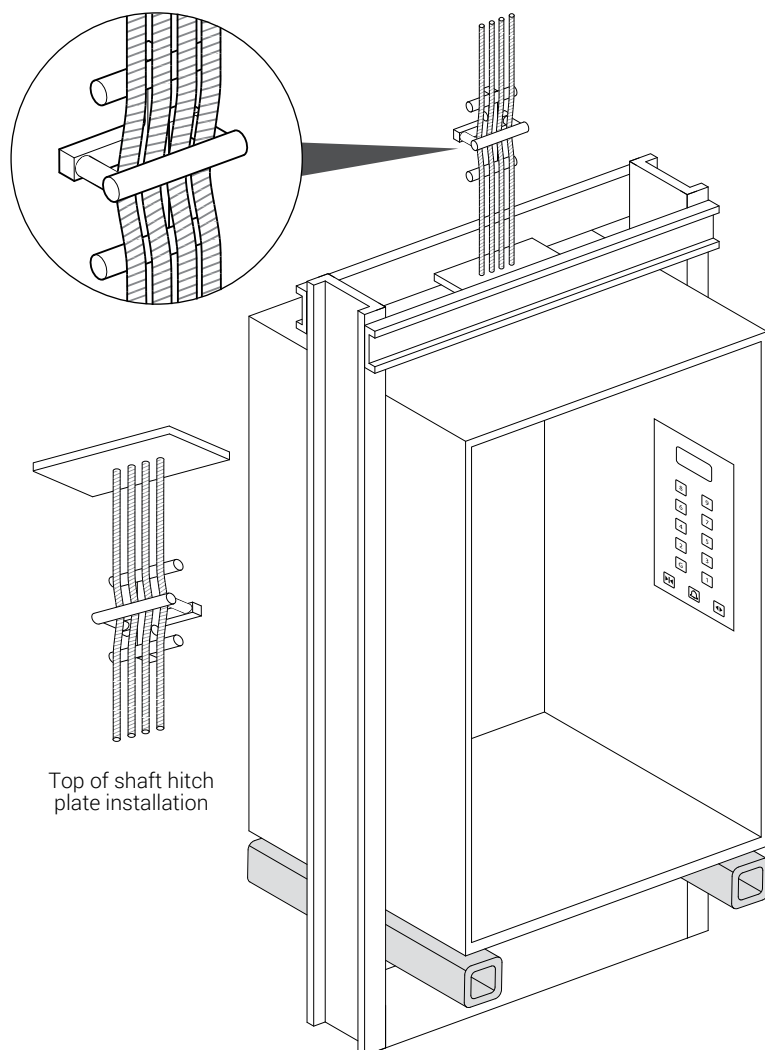
General Specifications

Overload	150	% rated load
Ultimate load	200	% rated load
Temperature range	-30 to +70	C
Protection	IP67	
Material	Aluminium	
Cable length	3	Metres

Rope Sensor

Aircraft grade aluminium
Suitable for rope sizes 6mm - 23mm
Ease of installation

Technical Illustrations



Model	CRT-MX1 3000kg	CRT-MX2 3000kg	CRT-MX3 4500kg
A	208mm	208mm	208mm
B	103mm	103mm	133mm
C	157mm	157mm	306mm
D	114mm	187mm	264mm

Wiring Schematic Diagram

