

## MODEL CBT SPECIFICATION

The beam sensor is designed to be fixed to the elevator's car frame.



### Metrology and Electrical Specifications

Rated Output	1.2 +/- 10%	mV/V
Zero Balance	5	+/- mV/V
Total Error	0.25	+/-% of applied load
Nominal input voltage	5	VV
Maximum input voltage	10	VV
Input resistance	1010 +/- 50	ohms
Output resistance	1000 +/- 2	ohms

### Product Description

This sensor is a hermetically sealed bolt-on extensometer. They are based on a full Wheatstone strain gauge bridge and deliver a high-gain output signal proportional to the minimal deformation of the beam it is bolted to. A robust Stainless Steel design.

The CBT can be used in pairs should the application require it

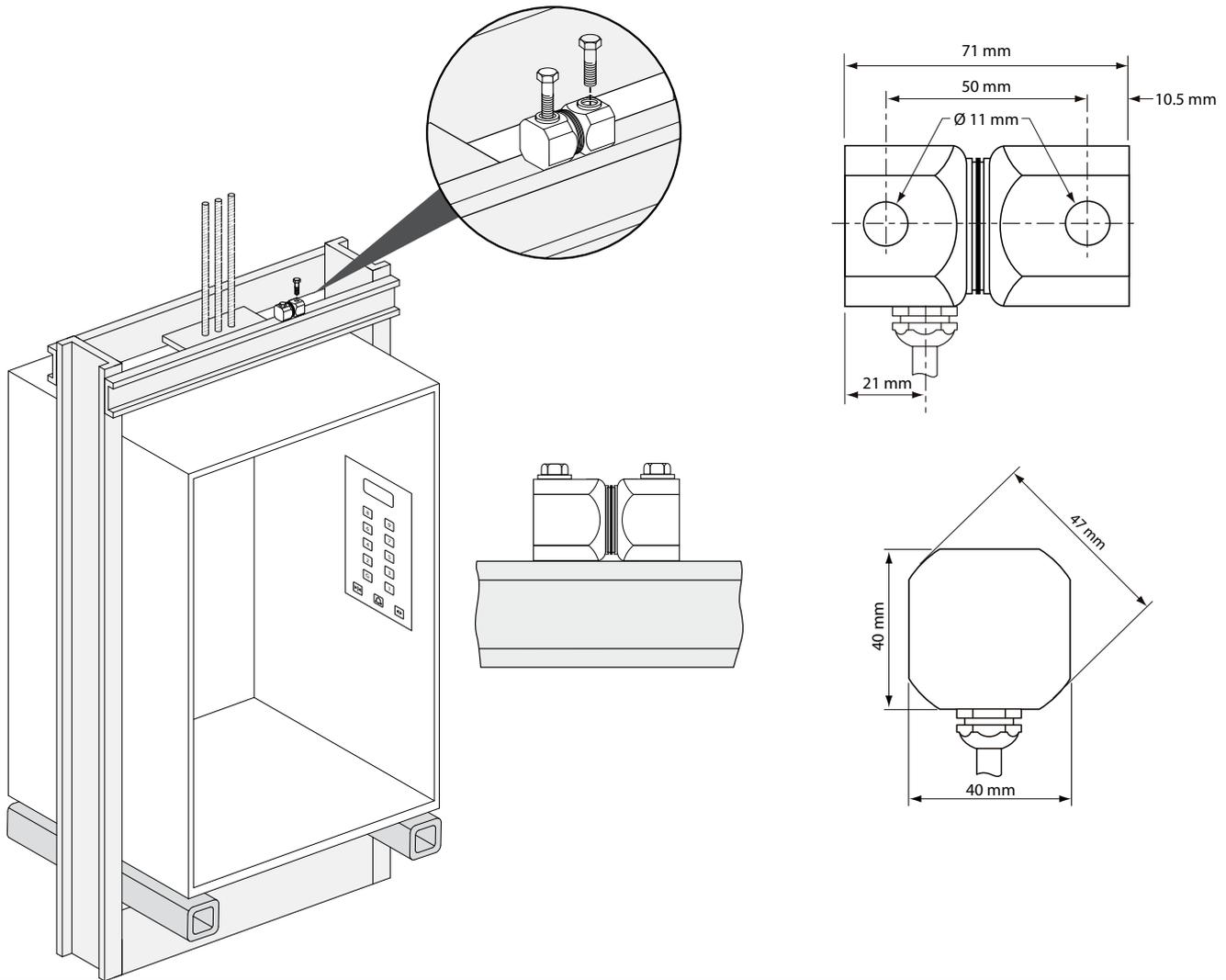
### General Specifications

Overload	150	% rated load
Ultimate load	300	% rated load
Temperature range	-30 to +70	C
Protection	IP68	
Material	Stainless Steel	17-4 PH(1.4548)
Cable length	3	Metres

### Beam Sensor

Stainless steel construction  
 Environmental Protection IP68 with complete hermetic sealing  
 High resolution  
 Easy bolt installation (2x M10), no adhesives required  
 Shielded cable  
 Straightforward installation

## Technical Illustrations



## Wiring Schematic Diagram

