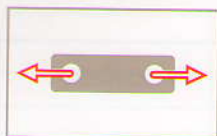


Type CRLC

Tension Type Load Cell

20t

Steel



Features

Protected against overloads

IP66 industrial protection



Esit CRLC load cell is a tension type force sensor, which feature safety plates and washers on each side for protection against overloads. With its steel alloy construction coated with corrosion-retardant paint, the CRLC is protected to IP66 standards meaning that it is fully resistant to dust and water.

They are used for overload detection and measure the weight of the load being lifted by cranes and lifting machines.

Application Examples

Application examples for CRLC type load cell can be found on page 85.

Technical Specifications

Maximum capacities (E_{max})	kg	20000
Combined error	%	≤ 0.5
Minimum load	% E_{max}	0
Maximum safe overload	% E_{max}	150
Ultimate load	% E_{max}	300
Maximum excitation voltage (U_{max})	V	10
Rated output (C_n)	mV/V	1mV/V
Zero balance	% C_n	≤ 2.0
Input resistance	Ω	380 ± 20
Output resistance	Ω	350 ± 2
Insulation resistance	M Ω	≥ 500
Compensated temperature range	$^{\circ}\text{C}$	-10...+40
Operating temperature range	$^{\circ}\text{C}$	-40...+80
Material		Steel
Sealing (EN 60529)		IP66
Cable length	m	5
Cable outer calibre	mm	5
Weight	kg	9.7
Package dimensions / weight	cm / kg	32x34x15 / 10.2

Dimensions

(All dimensions are expressed in millimeters)

Wiring diagram is on page 12.

