MSI Clamp-On
Load Cell

Standard Features

- A durable solution for measuring wire rope tension and preventing overloads for cranes and hoists. Available in two envelopes for accommodating the most common wire ropes. Weight-based setpoints can provide the operator alerts and safety shut-offs based on unsafe load conditions.

Options
(Contact MSI for application consultation)

- Custom sizes available on request
- Pair with an SCT transmitter for basic safety functions

Specifications

System Accuracy of Calibrated Capacity:
3 to 5%

Output Resistance:
350 ohm

Material/Finish:
4340 steel, zinc plated

IP Rating:
IP68

Cable Length:
20 ft integral cable with blunt end termination

Cable Color Code:
Red +Excitation
Black −Excitation
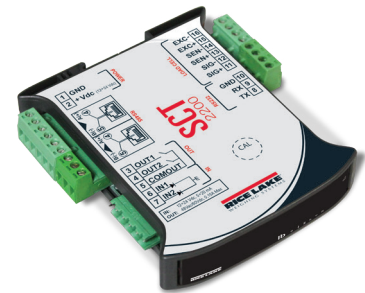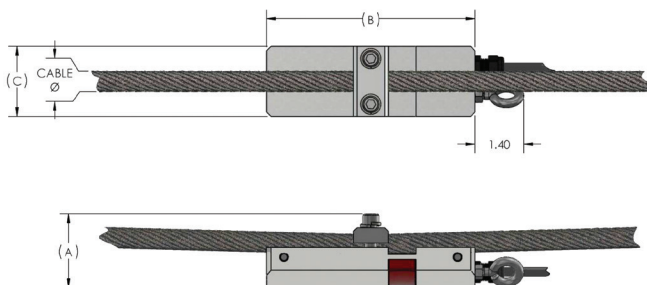Green +Signal
White −Signal

Part Number/Price

Part #	Description	Price
179080	Load Cell Assembly Clamp-On for 3/8 to 1/2 in wire rope	Consult
179082	Load Cell Assembly Clamp-On for 9/16 to 3/4 in wire rope	Consult
188816	Kit with SCT-2200 for 3/8 to 1/2 in wire rope	Consult
188817	Kit with SCT-2200 for 9/16 to 3/4 in wire rope	Consult

Larger diameter clamp ons available - call for pricing

Dimensions

Cable Range	Part #	A	B	C
3/8 to 1/2	179080	Cable + 1.70	6.00	2.00
9/16 to 3/4	179082	Cable + 1.67	6.00	2.00

*8mm cable can be used with PN 179080

Optional SCT-2200 transmitter