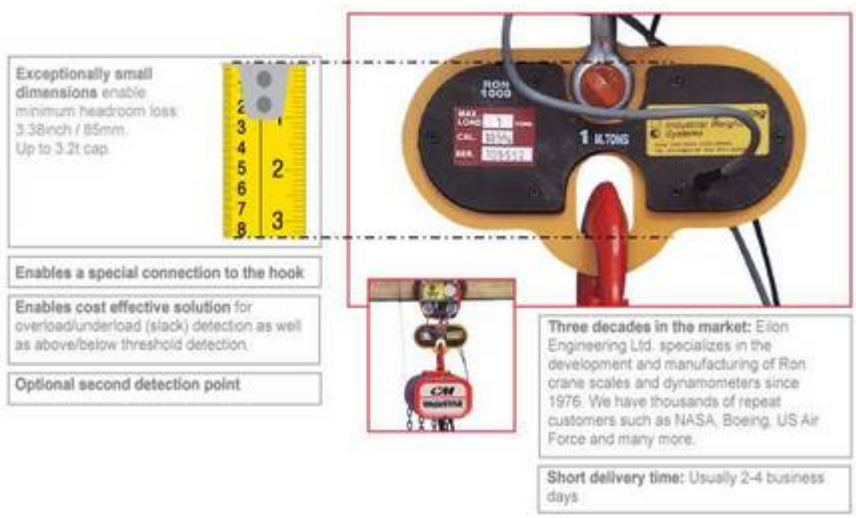
Ron 1000 Hook Type Overload Detector



Contact us Request for Quotation

Description

RON Crane Scales, Dynamometers, Load Cell Scales and Overload Detectors, include the low headroom RON 1000 Hook Type Overload Detector which is designed to be installed directly between the hoist and its trolley.

RON 1000 is a low headroom, electromechanical Overload Detector. It may be configured to trigger any desired electrical alarm supplied by the customer including stopping the lift, for overload detection and prevention when an unsafe overload condition occurs.

Overload during lifting: Hoist or crane overload is dangerous and can cause accidents. Overload detection is important for prevention of crane overload.

Overload during lifting: Hoist or crane overload is dangerous and can cause accidents. Overload monitoring is important for prevention of crane overload.

The devices are supplied factory-calibrated and ready for installation. Available in a wide variety of capacities, the RON 1000 can be supplied in capacities ranging from 500 lbs (250 kgs) to 20,000 lbs (10,000 kgs). Each unit is initially adjusted to give the user an overload indication at 105% of rated capacity. Additional detection point is optional.

RON Crane Scales, Dynamometers, Overload Detectors, digital Load Cell scales and load scales are factory-tested and supplied with a test certificate, including a fully traceable calibration chart.

Specifications

Safety Factor : 5:1. Each system proof-loaded to 200% of capacity (certified).

Switching Nature : Normally open and/or normally closed.

Rating : 0.5A @ 50 VDC, 0.5A @ 125 VAC.

Life Expectancy : Electrical: over 1 million operations. Mechanical: over 5 million operations.

Approved by : UL, CSA, Semko VDE.

Environment : Weatherproof, NEMA 4, IP 65.

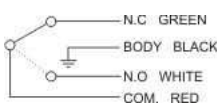
Temperature Range : -4℉ to +175℉ (-20℃ to + 80℃).

Cable Length : 9.5' (3m).

Material : High strength, low alloy steel

Options

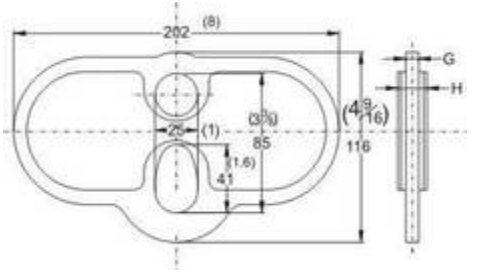
Wiring



Options :

- Additional detection point
- Fatigue rated structure

Dimensions Table and Drawing



Cat no.	Cap.	G Max.		H Max.	
	tons	mm	inch	mm	inch
H-002	0.25	7	5/16	19	3/4
H-005	0.5	7	5/16	19	3/4
H-007	0.75	7	5/16	19	3/4
H-008	0.8	7	5/16	19	3/4
H-01	1.0	7	5/16	19	3/4
H-012	1.25	7	5/16	19	3/4
H-015	1.5	9	3/8	21	13/16
H-016	1.6	9	3/8	21	13/16
H-02	2.0	11	7/16	23	7/8
H-025	2.5	13	9/16	25	1.0
H-03	3.0	15	5/8	27	1 1/16
H-032	3.2	15	5/8	27	1 1/16