



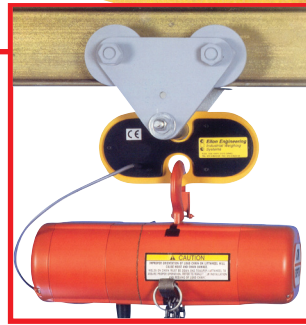
Ron 1000 Standard Type Overload and / or Underload Detector

Exceptionally small dimensions enable minimum headroom loss. For example: Height of the 10t is 4.38 inch/ 111 mm



Enables cost effective solution for overload / underload (slack) detection as well as above / below threshold detection

Overload second detection point



Three decades in the market:

Eilon Engineering Ltd. has specialized in the development and manufacturing of Ron crane scales and dynamometers since 1976. We have thousands of repeat customers such as NASA, Boeing, Us Air Force and many more

Short delivery time:

Usually 2-4 business day



Ron 1000 Standard Type Overload and / or Underload Detector

Description

Ron 1000 is an electro-mechanical overload detector.

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

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

The low headroom Ron 1000 Standard Type Overload Detector is designed to be installed on the steel rope or chain dead end or can be used between the hoist and its trolley.

The devices are supplied factory-calibrated and ready for installation. Available in a wide variety of capacities, the Ron1000 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.

Eilon Engineering has been designing, constantly improving, manufacturing and selling worldwide Ron Crane Scales, Dynamometers and Overload Detectors for more than 30 years.



Ron 1000 Standard Type Overload and / or Underload Detector

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.

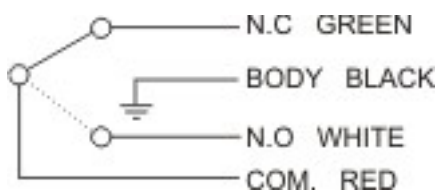
Environment: Weatherproof, NEMA 4, IP 65.

Temperature Range: -4°F to +175°F (-20°C to + 80°C).

Cable Length: 9.5' (3m).

Material: High strength, low alloy steel.

Wiring:





Ron 1000 Load Cell with built-in Amplifier

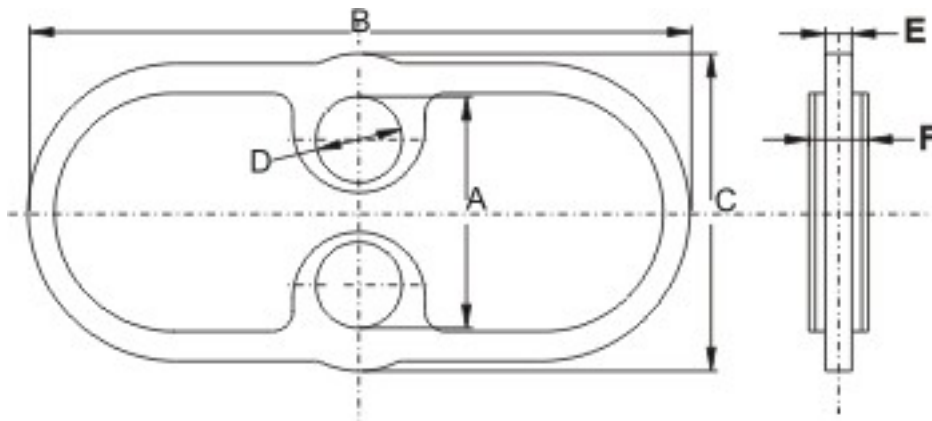
Options

- Additional detection point.



Ron 1000 Standard Type Overload and / or Underload Detector

Dimensions Table and Drawing



Cat no.	Cap.	D.Min		A		E Max.		F Max.		C Max.		B Max	
		tons	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
S-002	0.25					7	5/16	19	3/4				
S-005	0.5					7	5/16	19	3/4				
S-007	0.75					7	5/16	19	3/4				
S-008	0.8					7	5/16	19	3/4				
S-01	1.0					7	5/16	19	3/4				
S-012	1.25	25	1	60	2 3/8	7	5/16	19	3/4	100	4	202	8
S-015	1.5					9	3/8	21	3/16				
S-016	1.6					9	3/8	21	3/16				
S-02	2.0					11	7/16	23	7/8				
S-025	2.5					13	9/16	25	1				
S-03	3.0					7	5/16	22	7/8				
S-032	3.2					7	5/16	22	7/8				
S-04	4					7	5/16	22	7/8				
S-05	5					7	5/16	22	7/8				
S-06	6	40	1 9/16	111	4 3/8	9	3/8	24	15/16	155	6 1/8	272	10 3/4
S-063	6.3					9	3/8	24	15/16				
S-08	8					11	7/16	26	1				
S-10	10					13	7/16	28	1 1/8				

* USE SHACKLES WITH S.W.L. (SAFE WORKING LOAD) EQUAL TO, OR GREATER THAN THE SYSTEM'S FULL RANGE.
 * The company reserves the right to make changes without notice.