GIGASENSE

Vision ZERO accidents in the industry

Keeping people and equipment safe since 1951

LOAD GUARD

The Gigasense Load Guard is designed to provide reliable control switching against over-tension.
For process control, overload alarm, stepped moment protection and load sensing systems.
The instruments have a high repeating accuracy and fully conform to the International Protection Specification Class IP 67.

Quality | Maintenance free | Robust | Plug & Play

LOAD GUARD

Range of application

The Load Guard is intended for use as an overload guard in cranes and lifts, for the automatic tensioning of belt conveyors and for other automatic power-sensing or load control.

Function

The movement of the pull rod operates the micro switches through spring loaded contact points.

The power-absorbing element consists of specially made spring washers, designed to be entirely free from wear. The spring washers are designed to resist overload.

Safety

The safety factor is 5:1 which gives guaranteed strength against breakage at least 5 times the maximum capacity.

The Load Guard can be overloaded by 100% without interfering with the switch setting.

As the transmission parts between the pull rod and the micro switch are spring loaded, the Load Guard can withstand severe shock loads and sudden unloading.

The Load Guard has drop-forged steel eye brackets, giving a guaranteed impact resistance down to -20 degrees C.

Technical data

Capacity
250-10 000 kg
551-22046 lb

Inaccuracy
±1.5% of the max. capacity

Temperature range
-20°C to +60°C
-4°F to +140°F

Max load contact
250 V AC, 500 VA, 3A

Protection class
IP 67

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Gigasense products within Force Measurement and Crane Safety are well known high quality products, built from many years' experience and used by leading heavy duty industry around the world.

Gigasense products meet the highest demands of performance level requirements.

Gigasense are represented by selected local distributors in more than 30 countries on six continents.