

Our research and development team infused their experience of many years in the development of the WeightWatcher light family.

They particularly focussed on easy mounting and, following many customers' wishes, on a reasonably priced but high-grade quality of this overload measuring system that meets the requirements of EN 81.

The LS-light load sensors are therefore especially compact and handy facilitating the mounting in almost every installation siting. You won't have a problem with narrow-layed ropes and shaft heads of little height.

- ☐ **Yes**, I am interested in your product overload measuring System WeightWatcher light
- ☐ I am also interested in your product:
- ☐ Overload Control System Weight Watcher
 - ☐ measurement of ride quality according to ISO 18738 with LiftPC mobile Diagnosis
 - ☐ Mobile Rope Load Measurement

☐ Please contact us

Company

Contact Name

Address

City / Zip-Code

Country

Phone / Fax

E-Mail

Henning GmbH
Industriegebiet S5 · Loher Straße 4 + 30
58332 Schwelm (Germany)
Tel.: +49 2336 9298-0 · Fax: +49 2336 9298-10
info@henning-gmbh.de · www.henning-gmbh.de

henning
MADE IN GERMANY

Overload Measuring System WeightWatcher light

very attractive
price-performance ratio

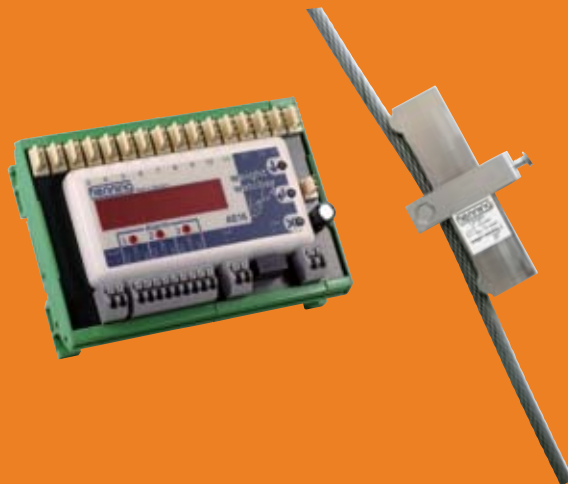
simple mounting

one sensor suiting rope diameters
from 4 to 13 mm

very compact rope load sensors
(110 x 70 x 22 mm)

3 freely programmable
output relays

measuring
at up to 16 ropes



Advantages at a glance:

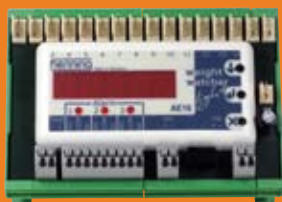
- reasonable price and high performance in one
- one sensor type suits different rope diameters
- 3 freely programmable output relays
- up to 16 sensors per evaluation unit
- compact sensors

Rope load sensors LS-light are mounted within a few minutes:

The pin of the mounting bracket is opened and the sensor attached to the rope. Then the bracket is closed again and the clamping screw tightened until the rope is pressed to the sensor. It is not necessary to keep to an exact torsional momentum. No special tools required.



The rope load sensors LS-light are connected to the evaluation unit AE16. Plug-connectors help to save time and avoid connecting errors.



After calibrating the rope load sensors LS-light, the evaluation unit AE16 indicates the load in the cabin.

The gadget is ready for operation after entering the parameters of the 3 output relays by the integrated buttons.

WeightWatcher light

The completely new load measuring sensors LS-Light supplement the existing range of load-measuring systems in the lower price segment.

They accord with our customers' request for a reasonably priced but highly developed overload measuring system that suits almost every installation siting.

The new rope load sensor LS-light suits shaft heads of little height and narrow-layed ropes thanks to its compact size. The range of applicable rope diameters from 4 to 13 mm also accords with the requirements.

Up to 16 sensors can be connected by their 2,5-m-cables to the new evaluation unit AE16 light.

This is connected to the lift control unit via 3 freely programmable alarm-relays or an optional analog output. Under preparation is a CANopen execution of AE16 light.

Configuration of the gadget is executed by three buttons and the 5-digit LED-indicator. AE16 light is highly energy-efficient with regard to its typical power draw of less than 0,8 W.

Evaluation Unit AE16 light



Evaluation unit AE16 light Id.-No.: 456000	
Power supply voltage	12 V - 28 V DC
Power consumption	< 0,8 W
HOLD input	12 V - 230 V AC/DC
Number of relay outputs	3
Number of measuring channels	16

AE16 light, Analogue Output Id.-No.: 456002		AE16 light, CANopen Id.-No.: 456005	
Galvanically separated	✓	Galvanically separated	✓
Output current	0-20 mA 4-20 mA	Profile	DSP 417

Rope Load Sensor LS-light



Sensor LS-light
for ropes Ø 4 - 13 mm

Rope Load Sensor LS-light Id.-No.: 456500	
Rope diameter	4 - 13 mm
Measuring range	0 - 500 kg
Maximum load	1000 kg
Breaking load	2000 kg
L x W x H (mm)	110 x 30 x 12
Cable length	2,5 m
Temperature range	0 °C - 70 °C