HIRSCHMANN
A Belden Company



# iSENS HES

## Anti-Two Block Switch

BG-PRÜFZERT
BIA
964031

iSENS HES is a positive opening limit switch for safe upwards movement of the hook. The anti-two block switch is used on winches, cranes and lifting equipment. The housing is made of a corrosion-proof, light metal alloy, the surface of which is further treated and coated and as such it is resistant to the damaging affects of the atmosphere.

The cable lead of the operating cable is funnel-shaped and the surface is designed to be low-friction, thus enabling angled movements of the operating elements. The electrical switch element is completely sealed. Depending to the type, either one or two sectional resistors enable the feed line to be monitored.

- **Positive opening limit switch for winches, lifting devices and cranes**
- **Accepted as emergency limit switch by BIA (professionell association for safety standards at work), acceptance test no. A. BIA 964031**

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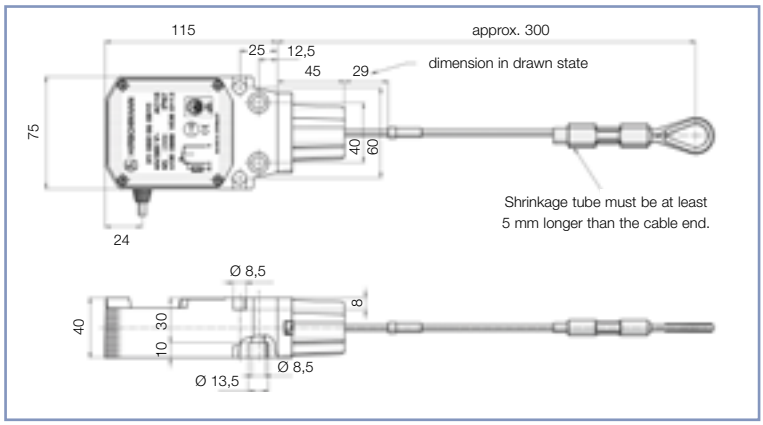
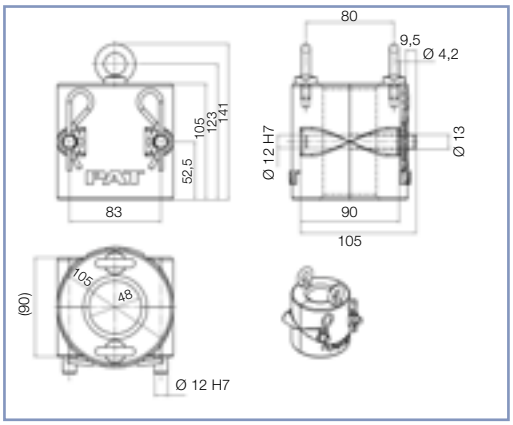
# TECHNICAL DATA

| Description | iSENS HES |
|---|---|
| |  |
| Weight | 0.77 kg |
| Protection rate | IP 67 |
| Ambient temperature | -50 to + 85° C |
| Mechanical life time | 5x10$^6$ switching |
| Cable eye stiffener | conforming to DIN 3090-4 |
| Actuating force | 37 N |
| Contact travel | 7,5 mm |
| Contact rating | 4 A / 250 V AC |


## Dimensions

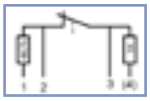



| Versions | Description | Cable length in m | Order-No. |
|---|---|---|---|
| iSENS HES 0011 (switch) | 3-pole* | 3,7 | 512 002 |
| iSENS HES 0012 (switch) | 4-pole** | 4,0 | 512 003 |
| iSENS HES 0013 (switch) | 3-pole* | 1,6 | 512 004 |
| iSENS HES 0014 (switch) | 3-pole* | 10,0 | 512 005 |
| iSENS HES 0015 (switch) | 3-pole* | 3,7 | 512 006 |
| iSENS HES 0016 (switch) | 4-pole** | 4,0 | 512 007 |
| iSENS HES 0017 (switch) | 3-pole* | 12,2 | 512 008 |
| Weight with chain | – | – | 512 064 |

* With one sectional resistor to enable the feed line to be monitored

** With two sectional resistors to enable the feed line to be monitored



**Hirschmann Automation and Control GmbH**
Branch Office Ettlingen
Hertzstraße 32-34 • 76275 Ettlingen
Phone: +49 7243 709-0 • Fax: +49 7243 709-3222
www.hirschmann-ac.com

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