IDEM GLHD WIRE SWITCH

141029A GLHD M20 '4NC 2NO' LED 24V

- Up to 200 m for one switch
- 4 NC + 2 NO contacts
- 2 color LED
- Integrated emergency button
- Available in the EX version





Product description

GLHD wire switch in an aluminum alloy housing, was created to protect long conveyors, with a range of up to 200 m per one switch. The 2-color LED, signaling the operation of the switch, is visible from a large distance. This switch, combined with the GLHL and GLHR models, provides a range of up to 250 m per one set.

The GLHD wire switches are equipped with 4 NC contacts and 2 NO contacts.

Specifications

| Annual usage | 8 cycles per hour/24 hours per day/365 days |
|----------------------------------|--|
| Approvals | EN60947-5-5, ISO 13850, ISO 13849-1, EN62061, EN60947-5-1, UL 508, CE, cULus, TÜV |
| Central Material | Die cast metal |
| Conduit entry | 4 x M20 |
| Contact Type | EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary) |
| Contacts | 4NC 2NO |
| Fittings | LED |
| Integrated emergency stop button | No |
| Integrated LED indication | Yes |
| IP Class | IP67 |
| LED Display | Steady green/Flashing red |
| LED supply voltage | 24Vdc |

| Materials Contacts | Silver |
|---------------------------------------|---|
| Mechanical reliability B10d | 1.5 x 10 ^e operations at 100mA load |
| Mounting | 4 x M5 |
| MTTFd | 214 years |
| Operating temperature | -25°C +80°C |
| PFHd | <1.0 x 10 ⁻⁷ |
| Rope span | 250m dual head |
| Rope tension device | IDEM tensioner/gripper (quick fixing) |
| Rope type | 4.00mm outside diameter. Steel inner - PVC sheath |
| Short circuit overload protection | Fuse externally 10A(FF) |
| Tension force (typical mid setting) | 130 |
| Termination | Clamp up to 2.5mm ² conductors |
| Thermal current (Ith) | 10 |
| Typical operating force (rope pulled) | <125N <300mm deflection |
| Weight | 1350 |



