IDEM GLHD-SS WIRE SWITCH IN STAINLESS STEEL

145030C-FZ
GLHD-SS ½NPT '4NC 2NO' LED 230V

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

Product description

The GLHD-SS wireline switch in a stainless steel housing was created as a high-quality system for securing long conveyors, with a range of up to 200 m per one switch. It is suitable for long conveyor systems operating in difficult environments. Ideally suited for use in the food processing industry. The 2-color LED, signaling the operation of the switch, is visible from a large distance. The switch, combined with the GLHL-SS and GLHR-SS models, provides a range of up to 250 m per one set.
The GLHD-SS 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, CE, cULus, TÜV, UL 508
Central Material	Stainless steel 316
Conduit entry	4 x 1/2" NPT
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	IP69K, IP67
LED Display	Steady green/Flashing red

LED supply voltage	230Vac
Materials Contacts	Silver
Mechanical reliability B10d	1.5×10^6 operations at 100mA load
Mounting	4 x M5
MTTFd	214 years
Operating temperature	-40°C +80°C
PFHd	$<1.0 \times 10^{-7}$
PL	up to PLe acc. ISO13849-1
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)
SIL	up to SIL 3 acc. EN62061
Tension force (typical mid setting)	130
Termination	Clamp up to 2.5mm² conductors
Thermal current (Ith)	10
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	2850