

## IDEM GLHD-SS WIRE SWITCH IN STAINLESS STEEL

145002A

GLHD-SS ½NPT '4NC 2NO' E Stop & LED 24V



- 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.

### TECHNICAL DATA

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
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	E-stop and LED
Housing material	Stainless steel 316
Integrated emergency stop button	Yes
Integrated LED indication	Yes
IP class	IP69K, IP67
LED indication	Steady green/Flashing red

<b>LED supply voltage</b>	24Vdc
<b>Material contacts</b>	Silver
<b>Mechanical reliability B10d</b>	1.5 x 10 <sup>6</sup> operations at 100mA load
<b>Mounting</b>	4 x M5
<b>MTTFd</b>	214 years
<b>Operating temperature</b>	-25°C +80°C
<b>PFHd</b>	<1.0 x 10 <sup>-7</sup>
<b>PL</b>	up to PLe acc. ISO13849-1
<b>Rope span</b>	250m dual head
<b>Rope tension device</b>	IDEM tensioner/gripper (quick fixing)
<b>Rope type</b>	4.00mm outside diameter. Steel inner - PVC sheath
<b>Short circuit overload protection</b>	Fuse externally 10A(FF)
<b>SIL</b>	up to SIL 3 acc. EN62061
<b>Tension force (typical mid setting)</b>	130 N
<b>Termination</b>	Clamp up to 2.5mm <sup>2</sup> conductors
<b>Thermal current (Ith)</b>	10 A
<b>Typical operating force (rope pulled)</b>	<125N <300mm deflection
<b>Weight</b>	2850 g

