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IDEM GLHD-SS WIRE SWITCH IN STAINLESS STEEL

145001A
GLHD-SS M20 '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 M20
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
LED supply voltage	24Vdc
Material contacts	Silver
Mechanical reliability B10d	1.5 x 10^6 operations at 100mA load
Mounting	4 x M5
MTTFd	214 years

Operating temperature	-25°C +80°C
PFHd	<1.0 x 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 N
Termination	Clamp up to 2.5mm² conductors
Thermal current (Ith)	10 A
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	2850 g



