IDEM ROPE PULL SWITCH GLHL-SS & GLHR-SS STAINLESS STEEL

145006B-FZ
GLHL-SS ½NPT '4NC 2NO' E Stop & LED 110v/120v

- Up to 100 m per switch
- 4 NC contacts + 2 NO contacts
- Duel colour LED
- Integrated emergency stop button
- ATEX Version available

Product description

The GLHR/L-SS is a robust heavy duty safety rope pull switch and is designed to protect long conveyor lengths up to 125m (2 switches) or up to 100m using a single switch.
The stainless steel 316 housings are designed specifically to withstand the tough environments found in the food and pharmaceutical industries.
They will survive chemical and detergent washdown by providing all stainless steel parts and robust IP67 and IP69K sealing by using integral bellows and gaskets.
They can be used to complement the GLHD-SS (dual head) versions at each end of the rope.

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	E-stop and LED
Integrated emergency stop button	Yes
Integrated LED indication	Yes

IP Class	IP69K, IP67
LED Display	Steady green/Flashing red
LED supply voltage	110Vac
Materials Contacts	Silver
Mechanical reliability B10d	1.5 x 10⁶ operations at 100mA load
Mounting	4 x M5
MTTFd	214 years
Operating temperature	-25°C +80°C
PFHd	$<1.0 \times 10^{-7}$
PL	up to PLe acc. ISO13849-1
Rope span	125m
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	2475