OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

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

145005A
GLHL-SS M20 '4NC 2NO' E Stop & LED 24V



- 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.

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	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 N
Termination	Clamp up to 2.5mm² conductors
Thermal current (Ith)	10 A
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	2475 g



