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IDEM HEAVY DUTY SAFETY ROPE PULL SWITCH (LEFT HAND) GLHL & (RIGHT HAND) GLHR

141005A
GLHL M20 '4NC 2NO' E Stop & LED 24V



- Can be used up to 100m in length using just one switch
- 4NC 2NO contacts to ensure flexibility
- Duel colour LED
- ATEX version available

PRODUCT DESCRIPTION

The GLHL/R is a robust die-cast Heavy Duty Safety Rope Pull Switch designed to protect long conveyor lengths where protection is required up to 125m using two switches or up to 100m using a single switch. The die-cast housings are robust to survive indoor or outdoor use.

A bi-colour LED ensures switch status can be seen easily from a distance. They have 4NC 2NO contacts to ensure flexibility with all modern control applications and optional Explosion Proof contact blocks are available.

They can be used to complement the GLHD versions at each end of the rope span.

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, UL 508, CE, cULus, TÜV
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	Die cast metal
Integrated emergency stop button	Yes
Integrated LED indication	Yes
IP class	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}
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)
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	1030 g



