



# IDEM GLHD WIRE SWITCH

141001AS-FZ  
GLHD M20 '4NC 2NO' E-Stop & LED Steady 24V -40°

- Up to 200 m for one switch
- 4 NC + 2 NO contacts
- 2 - color LED
- Integrated emergency button
- Available in the EX version



## Product description

GLHD wire switch in an aluminum alloy housing, was created to protect long conveyors, with a range of up to 200 m per one switch. The 2-color LED, signaling the operation of the switch, is visible from a large distance. This switch, combined with the GLHL and GLHR models, provides a range of up to 250 m per one set.  
The GLHD wire switches are equipped with 4 NC contacts and 2 NO contacts.

## 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, UL 508, CE, cULus, TÜV
Central Material	Die cast metal
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
Integrated emergency stop button	Yes
Integrated LED indication	Yes
IP Class	IP67
LED Display	Steady green/Steady red
LED supply voltage	24Vdc

<b>Materials 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>	-40°C +80°C
<b>PFHd</b>	<1.0 x 10 <sup>-7</sup>
<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>Tension force (typical mid setting)</b>	130
<b>Termination</b>	Clamp up to 2.5mm <sup>2</sup> conductors
<b>Thermal current (Ith)</b>	10
<b>Typical operating force (rope pulled)</b>	<125N <300mm deflection
<b>Weight</b>	1350

