



## IDEM GLHD WIRE SWITCH

141041-FZ

GLHD M20 '4NC 2NO' - -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

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	EN60947-5-5, ISO 13850, ISO 13849-1, EN62061, EN60947-5-1, UL 508, CE, cULus, TÜV
<b>Central Material</b>	Die cast metal
<b>Conduit entry</b>	4 x M20
<b>Contact Type</b>	EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary)
<b>Contacts</b>	4NC 2NO
<b>Integrated emergency stop button</b>	No
<b>Integrated LED indication</b>	No
<b>IP Class</b>	IP67
<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

MTTFd	214 years
Operating temperature	-40°C +80°C
PFHd	<1.0 x 10 <sup>-7</sup>
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)
Tension force (typical mid setting)	130
Termination	Clamp up to 2.5mm <sup>2</sup> conductors
Thermal current (Ith)	10
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	1350

