



## 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.

### 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
Housing material	Die cast metal
Integrated emergency stop button	No
Integrated LED indication	No
IP class	IP67
Material contacts	Silver
Mechanical reliability B10d	1.5 x 10 <sup>6</sup> operations at 100mA load
Mounting	4 x M5

<b>MTTFd</b>	214 years
<b>Operating temperature</b>	-40°C +80°C
<b>PFHd</b>	$<1.0 \times 10^{-7}$
<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 N
<b>Termination</b>	Clamp up to 2.5mm <sup>2</sup> conductors
<b>Thermal current (Ith)</b>	10 A
<b>Typical operating force (rope pulled)</b>	<125N <300mm deflection
<b>Weight</b>	1350 g

