



## IDEM GLM WIRE SWITCH

143064C

GLM M20 '2NC 2NO' LED 230V



- Up to 30 m on one switch
- 5 different contact configurations
- 2 - color LED
- Integrated emergency button



### PRODUCT DESCRIPTION

The GLM wire switches in the aluminum alloy housing have been created as a high-quality system for securing short conveyors, with a range of up to 30 m per one switch. Using the two switches, the range increases to 50 m.

The 2-color LED, signaling the operation of the switch, is visible from a large distance. The GLM wire switch has 5 different contact configurations.

### TECHNICAL DATA

<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>Conduit entry</b>	3 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>	2NC 2NO
<b>Fittings</b>	LED
<b>Housing material</b>	Die cast metal
<b>Integrated emergency stop button</b>	No
<b>Integrated LED indication</b>	Yes

<b>IP class</b>	IP67
<b>LED indication</b>	Steady green/Flashing red
<b>LED supply voltage</b>	230Vac
<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>	-25°C +80°C
<b>PFHd</b>	<1.0 x 10 <sup>-7</sup>
<b>Rope span</b>	Up to 50m (2 switches) 30m (1 switch)
<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 (I<sub>th</sub>)</b>	10 A
<b>Typical operating force (rope pulled)</b>	<125N <300mm deflection
<b>Weight</b>	640 g

