IDEM GLM WIRE SWITCH
143066-AS
GLM M20 '3NC 1NO' E Stop & Steady LED 24V

- 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

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	3 x M20
Contact type	EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary)
Contacts	3NC 1NO
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/Steady red
LED supply voltage	24Vdc
Mechanical reliability B10d	1.5×10^6 operations at 100mA load
Mounting	4 x M5
MTTFd	214 years
Operating temperature	-25°C +80°C
PFHd	$<1.0 \times 10^{-7}$
Rope span	Up to 50m (2 switches) 30m (1 switch)
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	640 g