



IDEM STAINLESS STEEL WIRE SWITCH GLM-SS

148067B
GLM-SS ½NPT '3NC 1NO' E Stop & LED 110v/120v

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



PRODUCT DESCRIPTION

The GLM-SS wire switches in a stainless steel 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 two switches, the range is increased to 50 m. They are suitable for conveyor systems operating in difficult environments. Ideally suited for use in the food processing industry.

The 2-color LED, signaling the operation of the switch, is visible from a large distance. The GLM-SS 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 1/2" NPT
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	Stainless steel 316
Integrated emergency stop button	Yes
Integrated LED indication	Yes
IP class	IP69K
LED indication	Steady green/Flashing red
LED supply voltage	110Vac

Mechanical reliability B10d	1.5 x 10 ⁶ operations at 100mA load
Mounting	4 x M5
MTTFd	214 years
Operating temperature	-25°C +80°C
PFHd	<1.0 x 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 2.5mm ² conductors
Thermal current (I_{th})	10 A
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	640 g

