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IDEM STAINLESS STEEL WIRE SWITCH GLM-SS

148001
GLM-SS M20 '2NC 1NO'

- 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 M20
Contact type	EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary)
Contacts	2NC 1NO
Housing material	Stainless steel 316
Integrated emergency stop button	No
Integrated LED indication	No
IP class	IP69K
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 2.5mm² conductors
Thermal current (Ith)	10 A
Typical operating force (rope pulled)	<125N <300mm deflection
Weight	640 g

