

## IDEM STAINLESS STEEL WIRE SWITCH GLM-SS

148053  
GLM-SS ½NPT '2NC 2NO'

- 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                         | 2NC 2NO  |
| Housing material                 | Stainless steel 316  |
| Integrated emergency stop button | No   |
| Integrated LED indication        | No   |
| IP class                         | IP69K  |
| Mechanical reliability B10d      | 1.5 x 10 <sup>6</sup> operations at 100mA load   |
| Mounting                         | 4 x M5   |
| MTTFd                            | 214 years  |

|                                       |   |
|---------------------------------------|---|
| Operating temperature                 | -25°C +80°C                                       |
| PFHd                                  | <1.0 x 10 <sup>-7</sup>                           |
| 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 <sup>2</sup> conductors         |
| Thermal current (Ith)                 | 10 A  |
| Typical operating force (rope pulled) | <125N <300mm deflection                           |
| Weight                                | 640 g   |

