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# IDEM HLM-CBA BELT ALIGNMENT SWITCH

174402
HLM-CBA with Plastic Roller ½ NPT 2NC 2NO



- 2 types of lever rollers
- Perfect for smaller conveyors
- Small dimensions
- Different contact configurations

### PRODUCT DESCRIPTION

The offer of tape cone detectors in the Mini IDEM version complements a wide range of cable switches used for emergency stop along conveyors. They are mounted along the conveyor belt and indicate the crookedness of the conveyor belt. We offer standard models (casting made of metal) and made of stainless steel. The rollers of these breakers can be of plastic or stainless steel.

## TECHNICAL DATA

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|---|---|
| **Actuator** | Plastic Roller |
| **Approvals** | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| **ATEX approved** | No |
| **Conductor size** | 1.5 mm² |
| **Conduit entry** | ½" NPT |
| **Contact type** | Without torque contact |
| **Contacts** | 2NC 2NO |
| **Electrical lifetime** | 100,000 cycle min. (at full load) |
| **Housing material** | Die cast metal |
| **Integrated LED indication** | No |
| **IP class** | IP67 |
| **Maximum switching speed** | 250 mm/s |
| **Mechanical reliability B10d** | 500,000 operations at 100mA load |
| **Minimum current** | 5V 5mA DC |

| | |
|---|---|
| **Mounting** | 4 x M5 |
| **Operating temperature** | -25°C...+80°C |
| **PFHd** | 3,44x10^-8 |
| **Rated insulation voltage** | 300 V AC |
| **Thermal current (Ith)** | 10 A |
| **Utilisation category** | AC15 |
| **Vibration** | IEC68-2-6 10-55Hz 0.35mm |
| **Withstand voltage** | 2500 V AC |

