



PRODUCT-DETAILS

# Sense7 5M

## Sense7 5M Sensor



| General Information   |  |
|-----------------------|--|
| Extended Product Type | Sense7 5M  |
| Product ID            | 2TLA050056R5100  |
| EAN                   | 7350024466690  |
| Catalog Description   | Sense7 5M Sensor   |
| Long Description      | Safety Magnetic Switch, 2NC/1NO, Plastic, LED, 5m cable. +80°C is accepted for short duration during CIP/SIP cleaning. |

| Ordering               |  |
|------------------------|--|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 8536500500   |
| Product Main Type      | Sense  |
| Product Name           | Sensor   |
| Function               | Safety magnetic switch for interlocking gates and hatches - Complete |
| Status Indicator       | Yes  |

| Popular Downloads     |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 2TLC010126D0201 |

Information

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2TLC172249M0201 |
| Marketing Video          | 2TLC010018N0201 |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Depth / Length | 13 mm    |
| Product Net Height         | 88 mm    |
| Product Net Width          | 50 mm    |
| Product Net Weight         | 0.319 kg |

Safety Information

|                              |         |
|------------------------------|---------|
| Certification Agency         | cCSAus  |
| Safety Category              | 4       |
| Performance Level (PL)       | Up to e |
| Safety Integrity Level (SIL) | 3       |

Technical

|  |   |
|--|---|
| Communication Interface                          | PNP   |
| Connection Configuration                         | Cable, 5 m  |
| Minimum Switching Capacity                       | 10 VDC 1mA  |
| Number of Outputs                                | Failsafe (Transistor) 2<br>Non-Failsafe, Undelayed Semiconductors 1 |
| Operating Distance (S <sub>n</sub> )             | 5 mm  |
| Probability of Dangerous Failure per Hour (PFDH) | 2.6 10<sup>-8</sup> hour  |
| Rated Control Supply Voltage (U <sub>s</sub> )   | 24 V DC   |

Technical UL/CSA

|                       |   |
|-----------------------|---|
| Enclosure Type UL/CSA | 1 |
|-----------------------|---|

Environmental

|                         |                         |
|-------------------------|-------------------------|
| Ambient Air Temperature | Operation -25 ... 50 °C |
| Degree of Protection    | IP67<br>IP69K           |
| Material                | UL approved polyester   |

Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 2CMT2022-006480  |
| RoHS Information                            | 2CMT2022-006499  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006522  |
| WEEE B2C / B2B                              | Business To Business   |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |

Certificates and Declarations

|                                     |                 |
|-------------------------------------|-----------------|
| cULus Certificate                   | 2TLC010041D0201 |
| Declaration of Conformity<br>- CE   | 2TLC010060D0201 |
| Declaration of Conformity<br>- UKCA | 2TLC010184D0201 |
| TÜV Certificate                     | 2TLC172125D0201 |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | 1 piece       |
| Package Level 1 Width             | 77 mm         |
| Package Level 1 Depth /<br>Length | 103 mm        |
| Package Level 1 Height            | 192 mm        |
| Package Level 1 Gross<br>Weight   | 375 g         |
| Package Level 1 EAN               | 7350024466690 |

Classifications

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| eClass                                | V11.0 : 27272402                     |
| ETIM 7                                | EC002544 - Magnetic proximity switch |
| ETIM 8                                | EC002544 - Magnetic proximity switch |
| ETIM 9                                | EC002544 - Magnetic proximity switch |
| IDEA Granular Category<br>Code (IGCC) | 6147 >> Non contact sensors          |
| UNSPSC                                | 41111916                             |
| Object Classification Code            | B                                    |
| E-Number (Finland)                    | 2307343                              |
| E-Number (Sweden)                     | 3860156                              |

Categories

Low Voltage Products and Systems → Control Products → Safety Products → Safety Sensors, Switches and Locks → Sense

