



Actuator head for position switch 3SE51/52 Roller plunger with Plastic roller 10 mm functional at -40 °C

|                                                                                                                                    |                                    |                   |       |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|-------|
| product brand name                                                                                                                 | SIRIUS                             |                   |       |
| product designation                                                                                                                | actuator head for position switch  |                   |       |
| product type designation                                                                                                           | 3SE5                               |                   |       |
| General technical data                                                                                                             |                                    |                   |       |
| product function positive opening                                                                                                  | Yes                                |                   |       |
| shock resistance                                                                                                                   | 30g / 11 ms<br>Category 1, Class B |                   |       |
| <ul style="list-style-type: none"><li>according to IEC 60068-2-27</li><li>for railway applications according to EN 61373</li></ul> |                                    |                   |       |
| vibration resistance                                                                                                               | 0.35 mm/5g<br>Category 1, Class B  |                   |       |
| <ul style="list-style-type: none"><li>according to IEC 60068-2-6</li><li>for railway applications according to EN 61373</li></ul>  |                                    |                   |       |
| mechanical service life (operating cycles) typical                                                                                 | 15 000 000                         |                   |       |
| material of the enclosure of the switch head                                                                                       | plastic                            |                   |       |
| reference code according to IEC 81346-2                                                                                            | T                                  |                   |       |
| active principle                                                                                                                   | mechanical                         |                   |       |
| Substance Prohibittance (Date)                                                                                                     | 07/01/2006                         |                   |       |
| Weight                                                                                                                             | 0.017 kg                           |                   |       |
| minimum actuating force in directions of actuation                                                                                 | 20 N                               |                   |       |
| Ambient conditions                                                                                                                 |                                    |                   |       |
| ambient temperature                                                                                                                | -40 ... +85 °C<br>-40 ... +90 °C   |                   |       |
| <ul style="list-style-type: none"><li>during operation</li><li>during storage</li></ul>                                            |                                    |                   |       |
| explosion protection category for dust                                                                                             | none                               |                   |       |
| Enclosure                                                                                                                          |                                    |                   |       |
| coating of the enclosure                                                                                                           | Other types                        |                   |       |
| Drive Head                                                                                                                         |                                    |                   |       |
| design of the actuating element                                                                                                    | Roller plunger, plastic roller     |                   |       |
| standard-compliant actuator head                                                                                                   | EN 50047, design C                 |                   |       |
| shape of the switch head                                                                                                           | roller                             |                   |       |
| outer diameter of the switch head                                                                                                  | 10 mm                              |                   |       |
| Installation/ mounting/ dimensions                                                                                                 |                                    |                   |       |
| mounting position                                                                                                                  | any                                |                   |       |
| fastening method                                                                                                                   | lockable plug-in fixing            |                   |       |
| design of the interface for safety-related communication                                                                           | without                            |                   |       |
| Communication/ Protocol                                                                                                            |                                    |                   |       |
| design of the interface                                                                                                            | without                            |                   |       |
| Approvals Certificates                                                                                                             |                                    |                   |       |
| General Product Approval                                                                                                           |                                    | Test Certificates | other |

## Environment

[Environmental Confirmations](#)

## Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5000-0AD03-1AJ0>

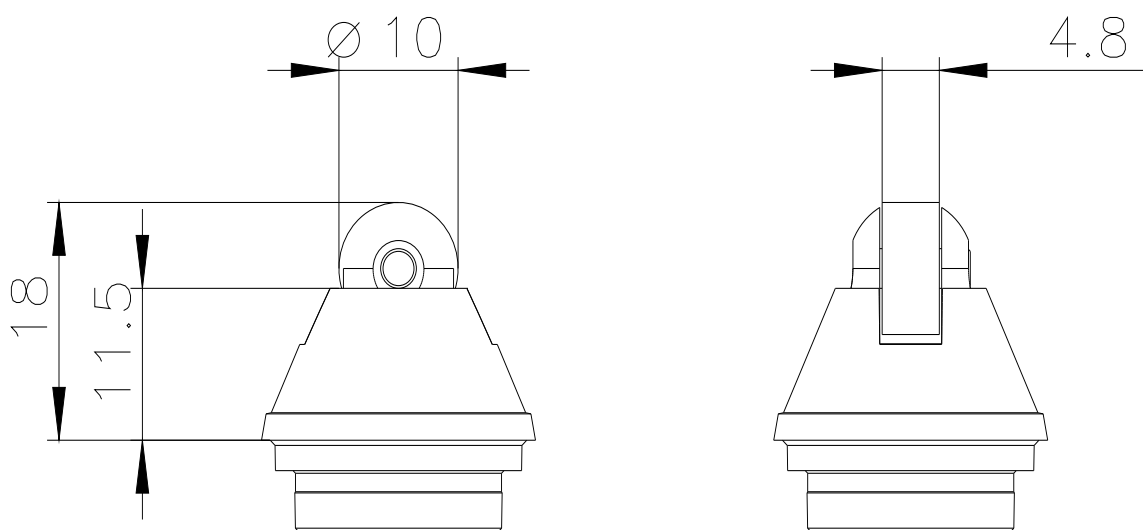
Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0AD03-1AJ0>

Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0AD03-1AJ0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5000-0AD03-1AJ0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0AD03-1AJ0&lang=en)

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