



Coordinate switch, 22 mm, round, metal shiny, black, 2 switch positions, horizontal momentary contact type, without mechanical interlocking

|                          |                             |
|--------------------------|-----------------------------|
| product brand name       | SIRIUS ACT                  |
| product designation      | Coordinate switches         |
| design of the product    | Actuating/signaling element |
| product type designation | 3SU1                        |
| product line             | Metal, shiny, 22 mm         |

### Enclosure

|                          |   |
|--------------------------|---|
| number of command points | 1 |
|--------------------------|---|

### Actuator

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| design of the actuating element                 | without mechanical interlock |
| principle of operation of the actuating element | momentary contact type       |
| direction of actuation                          | horizontal                   |
| product extension optional                      |                              |
| • light source                                  | No                           |
| • contact module                                | Yes                          |
| color of the actuating element                  | black                        |
| material of the actuating element               | plastic                      |
| shape of the actuating element                  | Extended handle              |
| outer diameter of the actuating element         | 30.5 mm                      |
| number of switching positions                   | 2                            |
| Maximum deflection angle [°]                    | 30°                          |

### Front ring

|                              |                   |
|------------------------------|-------------------|
| product component front ring | Yes               |
| design of the front ring     | high              |
| material of the front ring   | Metal, high gloss |
| color of the front ring      | silver            |

### General technical data

|                                                          |                                  |
|----------------------------------------------------------|----------------------------------|
| protection class IP                                      | IP65, IP67                       |
| degree of protection NEMA rating                         | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| shock resistance                                         |                                  |
| • according to IEC 60068-2-27                            | sinusoidal half-wave 15g / 11 ms |
| vibration resistance                                     |                                  |
| • according to IEC 60068-2-6                             | 10 ... 500 Hz: 5g                |
| operating frequency maximum                              | 2 400 1/h                        |
| mechanical service life (switching cycles)               |                                  |
| • as operating period per direction of actuation typical | 500 000                          |
| reference code according to IEC 81346-2                  | S                                |
| Substance Prohibitance (Date)                            | 10/01/2014                       |

### Safety related data

|                                                       |         |
|-------------------------------------------------------|---------|
| B10 value with high demand rate according to SN 31920 | 250 000 |
| proportion of dangerous failures                      |         |
| • with low demand rate according to SN 31920          | 20 %    |

- with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920

20 %  
100 FIT

#### Ambient conditions

##### ambient temperature

- during operation
- during storage

-25 ... +70 °C  
-40 ... +80 °C

environmental category during operation according to IEC 60721

3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

#### Installation/ mounting/ dimensions

height

30.5 mm

width

30.5 mm

shape of the installation opening

round

mounting diameter

22.3 mm

positive tolerance of installation diameter

0.4 mm

mounting height

71.3 mm

installation width

30.5 mm

installation depth

25.6 mm

#### Certificates/ approvals

General Product Approval

Declaration of Conformity



[Confirmation](#)



EG-Konf.

Test Certificates

Marine / Shipping

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA

Marine / Shipping

other



RMRS

[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

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=3SU1050-7AC88-0AA0>

Cax online generator

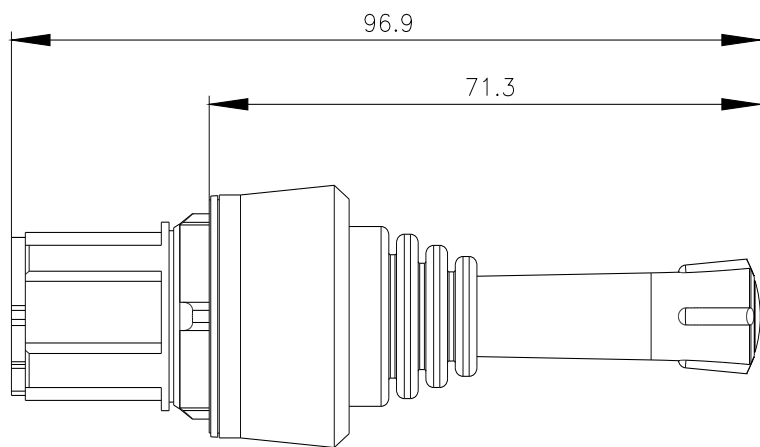
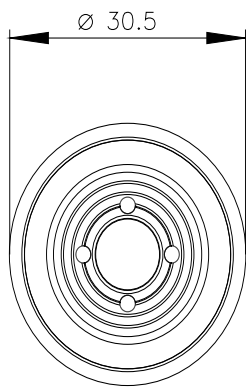
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-7AC88-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-7AC88-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-7AC88-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-7AC88-0AA0&lang=en)



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