

Position switch Metal enclosure with spring rod actuator Snap-action contacts 1 NO+1 NC 1 x M20 x 1.5 Spring 23.5 mm/plunger 10 mm made of plastic Spring rod length 73 mm

|                                                          |  |                                |                      |
|----------------------------------------------------------|--|--------------------------------|----------------------|
| product designation                                      |  | position switch                |                      |
| suitability for use safety switch                        |  | No                             |                      |
| General technical data                                   |  |                                |                      |
| protection class IP                                      |  | IP67                           |                      |
| reference code according to IEC 81346-2                  |  | B                              |                      |
| active principle                                         |  | mechanical                     |                      |
| Substance Prohibitance (day/month/year)                  |  | 07/01/2006                     |                      |
| Net Weight                                               |  | 0.258 kg                       |                      |
| length of the sensor                                     |  | 214.5 mm                       |                      |
| width of the sensor                                      |  | 40 mm                          |                      |
| Ambient conditions                                       |  |                                |                      |
| ambient temperature                                      |  |                                |                      |
| • during operation                                       |  | -30 ... +85 °C                 |                      |
| explosion protection category for dust                   |  | none                           |                      |
| design of the switching contact                          |  | mechanical                     |                      |
| number of NC contacts for auxiliary contacts             |  | 1                              |                      |
| number of NO contacts for auxiliary contacts             |  | 1                              |                      |
| Enclosure                                                |  |                                |                      |
| design of the housing                                    |  | design complying with EN 50041 |                      |
| material of the enclosure                                |  | metal                          |                      |
| coating of the enclosure                                 |  | painted                        |                      |
| design of the housing according to standard              |  | Yes                            |                      |
| Drive Head                                               |  |                                |                      |
| design of the actuating element                          |  | spring rod                     |                      |
| design of the switching function                         |  | CO contact                     |                      |
| circuit principle                                        |  | snap-action contacts           |                      |
| number of switching contacts safety-related              |  | 1                              |                      |
| Installation/ mounting/ dimensions                       |  |                                |                      |
| fastening method                                         |  | screw fixing                   |                      |
| Connections/ Terminals                                   |  |                                |                      |
| type of electrical connection                            |  | screw terminal                 |                      |
| design of the interface for safety-related communication |  | without                        |                      |
| Communication/ Protocol                                  |  |                                |                      |
| design of the interface                                  |  | without                        |                      |
| Approvals Certificates                                   |  |                                |                      |
| General Product Approval                                 |  | Test Certificates              | Maritime application |
|                                                          |  |                                | other                |



[Miscellaneous](#)



[Confirmation](#)

[Confirmation](#)

other

Environment



[Environmental Con-  
firmations](#)

#### Further information

**Information on the packaging**

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

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

**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=3SE2120-1RV00-0AL1>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-1RV00-0AL1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-1RV00-0AL1>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2120-1RV00-0AL1&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-1RV00-0AL1&lang=en)

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