

POSITION SWITCH METAL-ENCLOSED, 1XM20X1.5 LOW-ACTION CONTACTS  
1NO+1NC PLASTIC ROD ACTUATOR WITH INCREASED CORROSION PROT.

|                                                          |  |                                |                               |
|----------------------------------------------------------|--|--------------------------------|-------------------------------|
| 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 Prohibittance (day/month/year)                 |  | 07/01/2006                     |                               |
| Net Weight                                               |  | 0.315 kg                       |                               |
| length of the sensor                                     |  | 281 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                          |  | separate actuator              |                               |
| standard-compliant actuator head                         |  | EN 50041, design D             |                               |
| circuit principle                                        |  | slow-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=3SE2120-0WW00-0AK0>

### Cax online generator

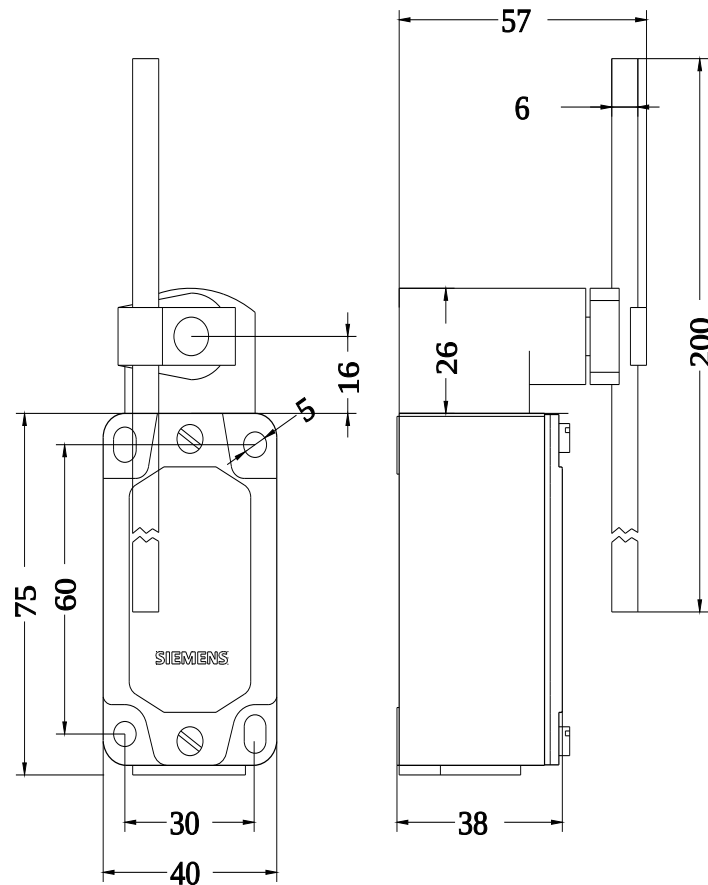
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2120-0WW00-0AK0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2120-0WW00-0AK0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2120-0WW00-0AK0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2120-0WW00-0AK0&lang=en)



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