



AS-i compact module K60 analog 4 AI, IP67 4 x input, Voltage +/- 10 V 1..5 V for 4-wire sensors 4 x M12 socket Mounting plate 3RK1901-0CA00 must be ordered separately

| General technical data   |     |   |
|--|-----|---|
| design of the product  |     | analog I/O modules for operation in the field, IP67 - K60 |
| Type of device   |     | analog input modules for voltage measurement              |
| Type   |     | 4 inputs  |
| design of the slave type   |     | analog slave  |
| I/O configuration  |     | 7   |
| ID code  |     | 3   |
| type of electrical connection of the inputs and outputs                      |     | M12 screw-type terminals                                  |
| consumed current from profile conductors of the AS-Interface at 30 V maximum | mA  | 160   |
| operating voltage according to AS-Interface specification                    | V   | 26.5 ... 31.6   |
| Current consumption when connected   |     |   |
| • 2 sensors  |     |   |
| — without Uaux infeed max  | mA  | 46  |
| — from Uaux infeed max.  | mA  | 500   |
| Voltage supply auxiliary voltage additional for sensors Uaux                 | V   | 24 ... 30   |
| profile  |     | 7.3   |
| Measuring/output value   |     | voltage   |
| Measuring/output range   |     | adjustable: 1 ... 5 V / +10 V                             |
| Smoothing function   |     | configurable  |
| Line filter  | Hz  | 50  |
| Channels active  |     | 4   |
| A/D resolution for analog inputs/outputs                                     | bit | 16  |
| type of connection technology  |     | 4-conductor   |
| Inputs   |     |   |
| number of analog inputs  |     | 4   |
| Inputs sensors   |     | 2/3/4-conductor sensors                                   |
| input variable   |     | V   |
| product function input variable parameterizable                              |     | Yes   |
| number of analog outputs   |     | 0   |
| output quantity  |     | V   |
| Status display   |     |   |
| • AUX PWR (Uaux)   |     | green LED   |
| • AS-Interface   |     | green LED   |
| • FAULT  |     | red LED   |
| Ambient conditions   |     |   |
| ambient temperature  |     |   |
| • during operation   | °C  | -20 ... +60   |
| • during storage   | °C  | -40 ... +85   |
| protection class IP  |     | IP67  |

| Mechanical data  |    |  |
|------------------|----|--|
| width            | mm | 60   |
| height           | mm | 152  |
| depth            | mm | 29   |
| fastening method |    | standard rail mounting/wall mounting using mounting plate for K60 compact module |

| Certificates/ approvals  |     |                      |
|--------------------------|-----|----------------------|
| General Product Approval | EMV | Maritime application |



| other | Environment | Industrial Communication |
|-------|-------------|--------------------------|
|-------|-------------|--------------------------|



[Confirmation](#)

[Environmental Confirmations](#)



### 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=3RK1207-2BQ44-0AA3>

**Cax online generator**

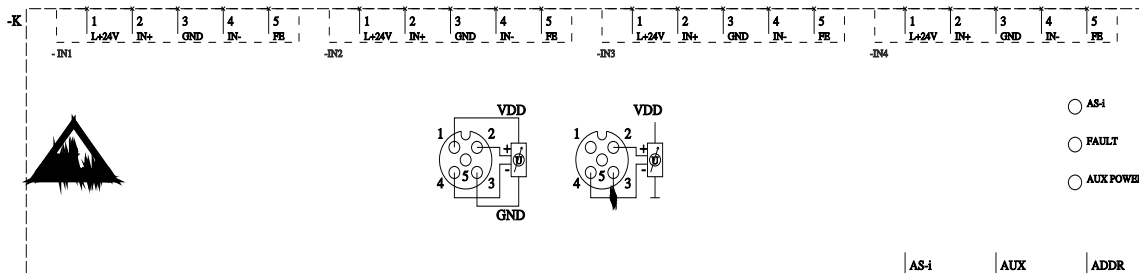
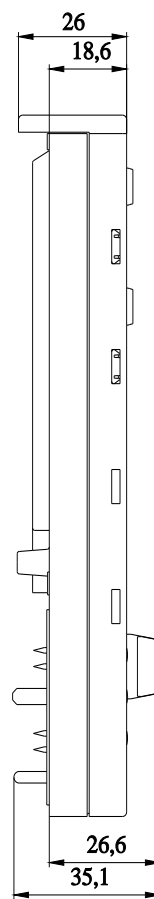
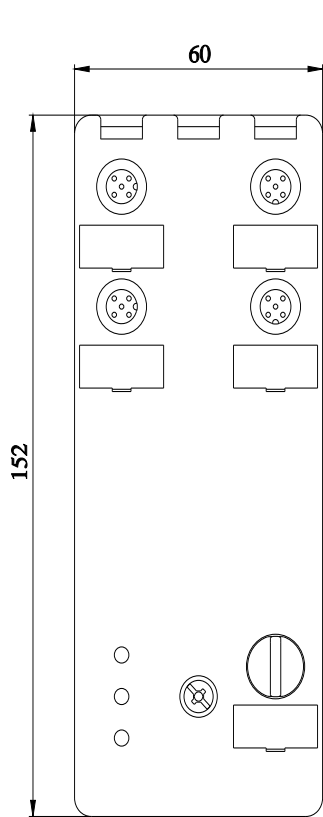
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-2BQ44-0AA3>

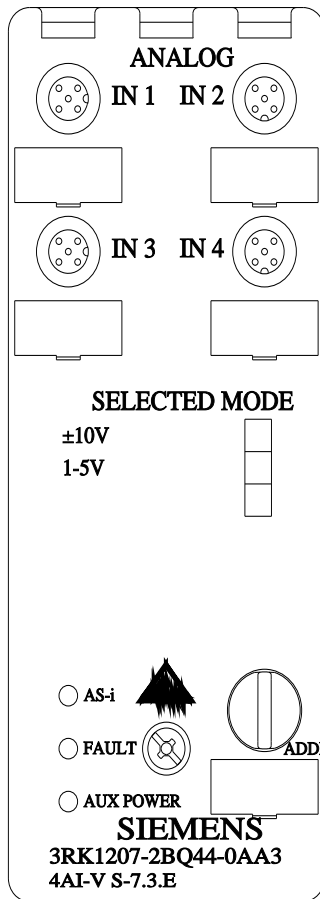
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-2BQ44-0AA3>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1207-2BQ44-0AA3&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-2BQ44-0AA3&lang=en)





last modified:

4/2/2025 