



SIPLUS AS-Interface 2AI IP67 -25...+70°C with conformal coating based on 3RK1207-3BQ40-0AA3 . AS-Interface compact module, IP67 analog, 2 AI, Number format S7 2x inputs (M12), Pt100 LIN. unit for 4-wire sensors active channels 1 and 2 no smoothing filter 50 Hz Mounting plate 3RK1901-0CA00 must be ordered separately, profile 7.3

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 thermal resistor |
| Type | | 2 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 |
| 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 | | thermal resistor/resistor |

| | | |
|--|-----|---|
| Measuring/output range | | adjustable: Pt100 / Ni100 / 0 ... 600 Ohm |
| Smoothing function | | configurable |
| Line filter | Hz | 50 |
| Channels active | | 1 and 2 |
| A/D resolution for analog inputs/outputs | bit | 16 |
| Type of connection | | 4-conductor |

| Inputs | | |
|---|--|-------------------------|
| Number of analog inputs | | 2 |
| Inputs sensors | | 2/3/4-conductor sensors |
| Input variable | | Ohm |
| Design of the sensor at the analog input is supported | | |
| • Thermocouple | | No |
| • Resistor temperature sensor | | Yes |
| Product function input variable parameterizable | | Yes |
| Number of analog outputs | | 0 |
| Status display | | |
| • AUX PWR (Uaux) | | green LED |
| • AS-Interface | | green LED |
| • FAULT | | red LED |

| Ambient conditions | | |
|--|----|---|
| Ambient temperature | | |
| • during operation | °C | -25 ... +70 |
| • during storage | °C | -40 ... +85 |
| Ambient condition relating to ambient temperature - air pressure - installation altitude | | -25 ... +70°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -25 ... +60°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -25 ... +50°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m) |
| Relative humidity with condensation maximum | % | 100; RH incl. condensation/frost |
| Resistance to biologically active substances conformity acc. to EN 60721-3-3 | | Yes |
| • Note | | Compliant with EN 60721-3-3, Class 3B2 mold and fungal spores (except fauna); the supplied plug covers must remain in place on the unused interfaces during operation. |
| Resistance to chemically active substances conformity acc. to EN 60721-3-3 | | Yes |
| • Note | | Compliant with EN 60721-3-3, Class 3C4 incl. salt spray in accordance with EN 60068-2-52 (severity 3); the supplied plug covers must remain in place on the unused interfaces during operation. |
| Resistance to mechanically active substances conformity acc. to EN 60721-3-3 | | Yes |

| | | |
|--|--|---|
| <ul style="list-style-type: none"> Note | | Compliant with EN 60721-3-3, Class 3S4 incl. sand, dust; the supplied plug covers must remain in place on the unused interfaces during operation. |
| Resistance to salt-laden atmosphere conformity acc. to EN 60068-2-52 <ul style="list-style-type: none"> Note | | Yes Severity 3 |
| Protection class IP | | IP67 |

Mechanical data

| | | |
|----------------------|----|--|
| Width | mm | 60 |
| Height | mm | 152 |
| Depth | mm | 29 |
| Mounting type | | standard rail mounting/wall mounting using mounting plate for K60 compact module |

Certificates/ approvals

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=6AG1207-3BQ40-7AA3>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1207-3BQ40-7AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1207-3BQ40-7AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1207-3BQ40-7AA3&lang=en

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