



SIPLUS AS-Interface 2AI IP67 -25...+70°C with conformal coating based on 3RK1207-1BQ40-0AA3 . AS-Interface compact module Number format S7 2x inputs (M12), 4...20 mA 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 current measurement
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		current

Measuring/output range		adjustable: 4 ... 20 mA / +-20 mA
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		mA
Product function input variable parameterizable		Yes
Number of analog outputs		0
Status display		
<ul style="list-style-type: none"> AUX PWR (Uaux) AS-Interface FAULT 		green LED green LED red LED

Ambient conditions		
Ambient temperature		
<ul style="list-style-type: none"> during operation during storage 	°C °C	-25 ... +70 -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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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		Yes

- Note

		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=6AG1207-1BQ40-7AA3>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1207-1BQ40-7AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1207-1BQ40-7AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1207-1BQ40-7AA3&lang=en

last modified:

05/15/2020