



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 technology		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		
• 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 • note		Yes 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 • note		Yes 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 • note		Yes 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 • note		Yes Severity 3
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
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:

12/18/2020 