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Data sheet 6AG1207-3BQ40-7AA3



SIPLUS AS Interface 2 AI IP67 based on 3RK1207-3BQ40-0AA3 with conformal coating, -25…+70 °C, 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
design of the device type		analog slave
type of electrical connection of the inputs and outputs		M12 screw-type terminals
profile		7.3
A/D resolution for analog inputs/outputs	bit	16
type of connection technology		4-conductor
Inputs		
number of analog inputs		2
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
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 according 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 according to EN 60721-3-3		Yes
● note		The supplied plug covers must remain in place over the unused interfaces during operation!
resistance to mechanically active substances conformity according to EN 60721-3-3		Yes
● note		The supplied plug covers must remain in place over the unused interfaces during operation!
resistance to salt-laden atmosphere conformity according to EN 60068-2-52		Yes
● note		Severity 3
protection class IP		IP67
Mechanical data		
width	mm	60

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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
CE EG-Konf.	UKCA	Manufacturer Declaration	China RoHS	EAC	RCM

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=6AG1207-3BQ40-7AA3
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1207-3BQ40-7AA3&lang=en

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