

AS-i compact module K60 analog 4 AI, IP67 4 x input, current 4..20 mA, +/- 20 mA 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 current 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		current
Measuring/output range		adjustable: 4 ... 20 mA / +20 mA
Smoothing function		configurable
Line filter	Hz	50
Channels active		4
A/D resolution for analog inputs/outputs	bit	16
Type of connection		4-conductor

Inputs		
Number of analog inputs		4
Inputs sensors		2/3/4-conductor sensors
Input variable		mA
Product function input variable parameterizable		Yes
Number of analog outputs		0
Output quantity		mA

<b>Status display</b>		
<ul style="list-style-type: none"> <li>• AUX PWR (Uaux)</li> <li>• AS-Interface</li> <li>• FAULT</li> </ul>		green LED green LED red LED






### Ambient conditions

<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	°C °C	-20 ... +60 -40 ... +85
<b>Protection class IP</b>		IP67

### Mechanical data

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

### Certificates/ approvals


General Product Approval		EMC	Declaration of Conformity	
				
CSA	UL		RCM	EG-Konf.

[Miscellaneous](#)

### Shipping Approval

					
ABS	BUREAU VERITAS	LRS	PRS	RINA	RMRS

### other

	<a href="#">Confirmation</a>
ASi	

### 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=3RK1207-1BQ44-0AA3>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-1BQ44-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-1BQ44-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1207-1BQ44-0AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-1BQ44-0AA3&lang=en)

last modified:

10/24/2020