



ANALOG INPUT MODULE CURRENT IP67 S7
ANALOG, 2AI, NUMERIC. FORMAT S7 2 X INP. (M12),
4 TO 20MA FOR 4-WIRE SENSORS ACTIVE
CHANNELS 1 AND 2 MOUNTING PLATE
3RK19010CA00 TO 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		2 inputs
I/O configuration		7
ID code		2
Type of electrical connection of the inputs and outputs		M12
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		7.2
Measuring/output value		current
Measuring/output range		4 - 20 mA

Smoothing function		configurable
Line filter	Hz	50
Channels active		1 and 2
A/D resolution for analog inputs/outputs	bit	13
Type of connection		4-conductor

Inputs:

Number of analog inputs		2
Inputs sensors		2/3/4-conductor sensors
Input variable		mA
Input current at the analog input -5 mA ... 5 mA		No
Design of the sensor at the analog input is supported		
• Thermocouple		No
• Resistor temperature sensor		No
Product function input variable parameterizable		Yes
Number of analog outputs		0
Product function Parameterizable output variable		No
Output quantity		
• voltage		No
• Current signal		No
Status display		
• AUX PWR (Uaux)		green LED
• AS-Interface		green LED
• FAULT		red LED

Ambient conditions:

Ambient temperature		
• during operation	°C	0 ... 60
• during storage	°C	-40 ... +85
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:

Approvals		UL, CSA, shipbuilding
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General Product Approval			Declaration of Conformity	Shipping Approval	
					
CSA	UL		EG-Konf.	ABS	

Shipping Approval				other	
				Umweltbestätigung	Bestätigungen
LRS	PRS	RINA	RMRS		

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

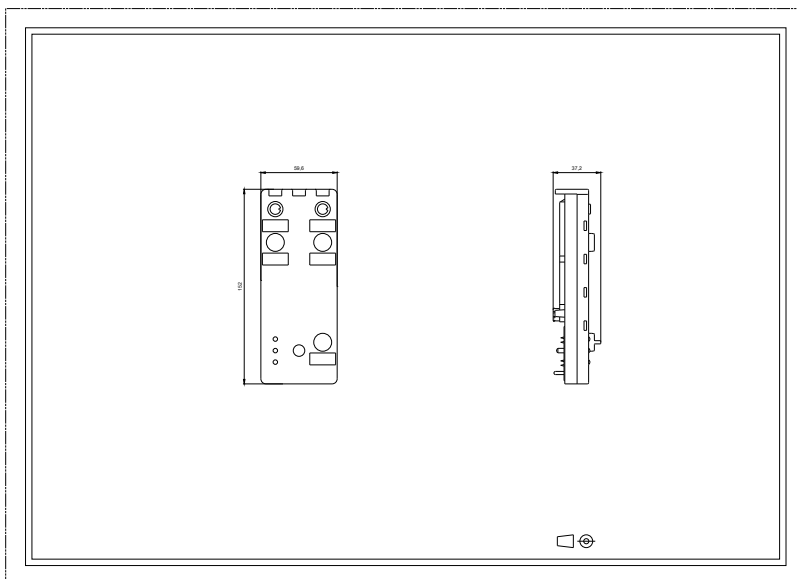
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12071BQ000AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK12071BQ000AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK12071BQ000AA3&lang=en



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