



AS-i Compact Module K60 analog 4 AI, IP67 4 x input, resistor Pt100, Ni100, 0-600 ohm 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 thermal resistor
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	100
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		thermal resistor/resistor
Measuring/output range		adjustable: PT100 / Ni100 / 0 ... 600 Ohm
Smoothing function		configurable
Line filter	Hz	50
Channels active		4
A/D resolution for analog inputs/outputs	bit	16
type of connection technology		4-conductor
Inputs		
number of analog inputs		4
Inputs sensors		2/3/4-conductor sensors
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
Status display		
• AUX PWR (Uaux)		green LED
• AS-Interface		green LED
• FAULT		red LED
Ambient conditions		
ambient temperature		
• during operation	°C	-20 ... +60

• during storage	°C	-40 ... +85
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

Certificates/ approvals	
General Product Approval	EMV Maritime application



other	Environment	Industrial Communication
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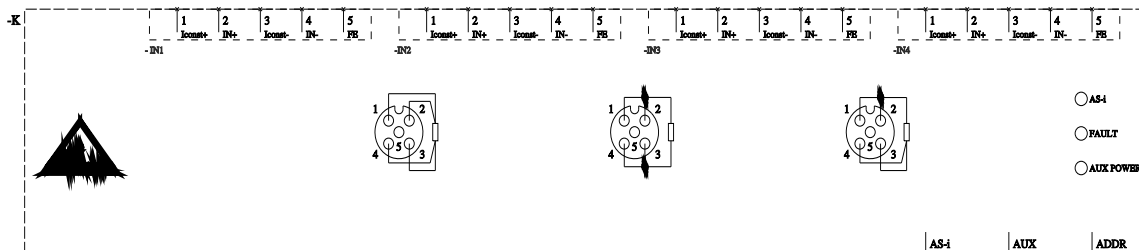
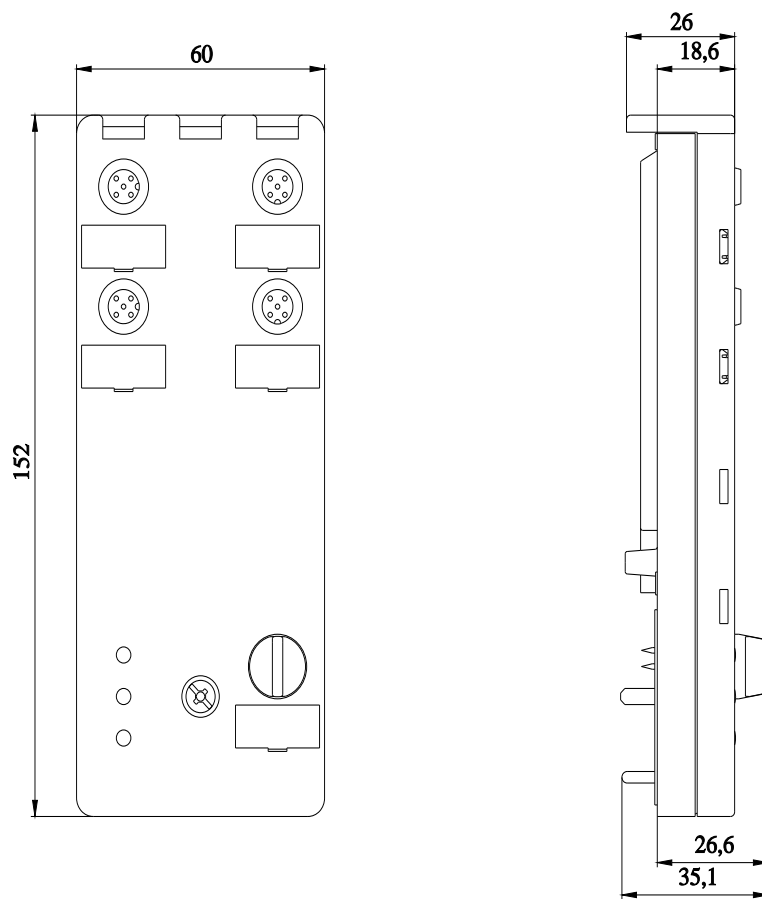
[Confirmation](#)

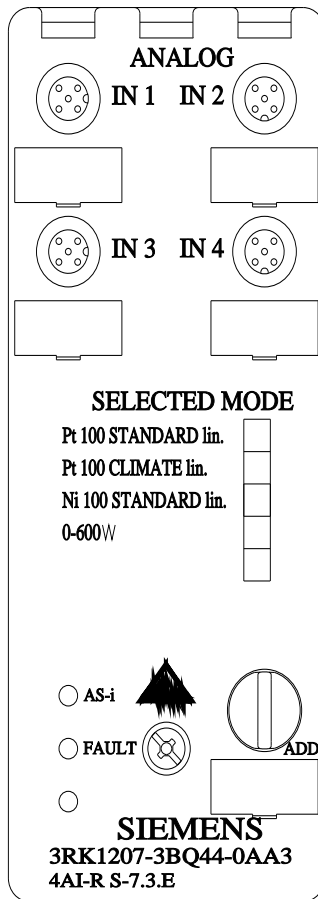
[Environmental Confirmations](#)



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=3RK1207-3BQ44-0AA3>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ44-0AA3>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ44-0AA3>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-3BQ44-0AA3&lang=en





last modified:

4/2/2025 