



AS-INTERF. COMPACT MODULE, IP67 ANALOG, 4AI
 4 X INP. (M12), PT100 LIN. ST. FOR 4-WIRE
 SENSORS ACTIVE CHANNELS 1,2, 3 A. 4 MOUNTING
 PLATE 3RK19010CA00 TO 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 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
Total current Input when connected from sensors/actuators	mA	150
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		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
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



CSA



GOST



UL



ABS



BUREAU
VERITAS

Shipping Approval



LRS



PRS



RINA



RMRS

other

[Environmental
Confirmations](#)

[Declaration of
Conformity](#)

other

[Confirmation](#)

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

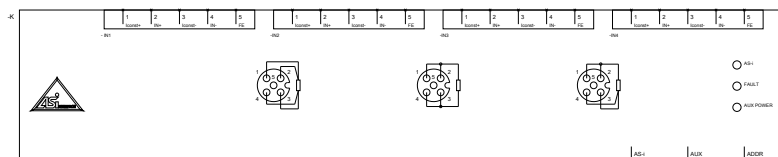
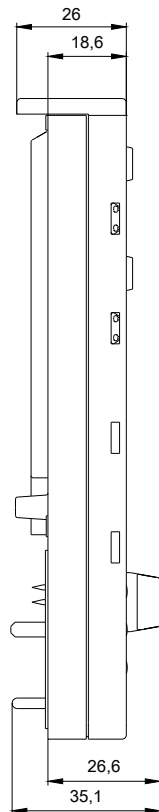
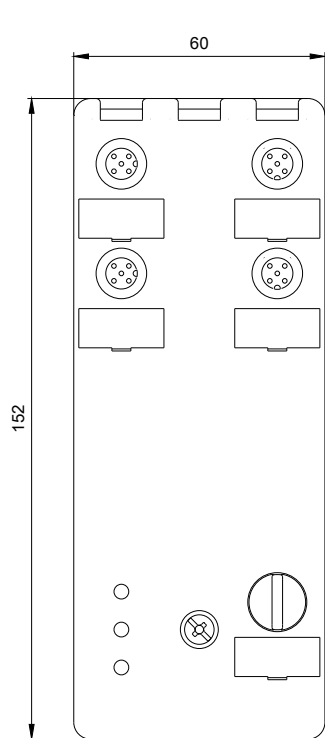
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12073BQ440AA3>

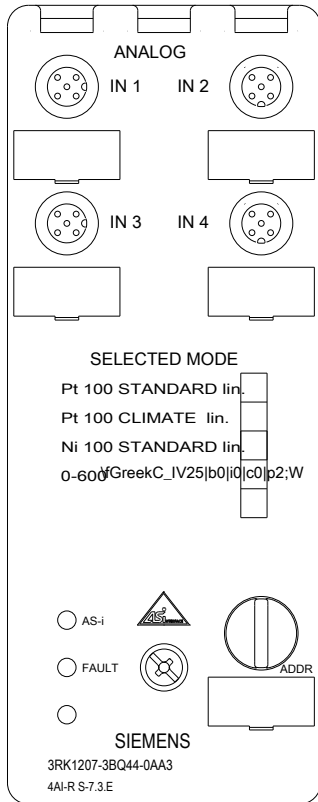
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK12073BQ440AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12073BQ440AA3&lang=en>





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