

ACTUATOR SENSOR INTERFACE 4I APPLICATION
MODULE 4X1 INPUT 200 MA, PNP 4X M12 SOCKETS,
EMI



Figure similar

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - user modules
Design of the slave type		standard slave
Type		4 inputs
I/O configuration		0
ID code		0
Number I/O sockets		4
Protocol is supported AS-interface protocol		Yes
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	250
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN EN 61346-2		K

Inputs:

Number of digital inputs		4
Input circuit		PNP
Type of voltage of the input voltages		DC
Input voltage	V	20 ... 30
Inputs switching level High min	V	10
Input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Design of the pin assignment of the inputs		standard assignment

Outputs:

Number of digital outputs		0
Design of the pin assignment of the outputs		standard assignment
Property of the output Short-circuit proof		No
Status display		
• display of I/Os		yellow LED
• display of AS-Interface/diagnostics		green LED
Assignment of data bits		
• socket		input (D0)
• socket 2		input (D1)
• socket 3		input (D2)
• socket 4		input (D3)

Ambient conditions:

Ambient temperature		
• during storage	°C	-40 ... +85
• during operation	°C	-25 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	45
Height	mm	80
Depth	mm	27
Mounting type		standard rail mounting/wall mounting using coupling module
connection		using contact pins on FK or Pg coupling module
Type of connection		2- and 3-wire technology

Certificates/ approvals:

AS-Interface certificate		yes
Approvals		UL, CSA, shipbuilding

General Product Approval	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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[Confirmation](#)

[Environmental Confirmations](#)

[Miscellaneous](#)

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&mfb=3RG9001-0AG00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RG9001-0AG00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RG9001-0AG00&lang=en



Figure similar

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