



AS-I COMPACT MODULE K20, IP67, A/B-SLAVE, DIGITAL, 4DI, 4 X INPUT FOR SENSOR(MECHAN./2-OR 3-WIRE) PNP, SENSOR SUPPLY FROM U_ASI "TOTAL MAX.200MA," 4XM8-SOCKET

Figure similar

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - K20
Type		4 inputs
Design of the slave type		A/B slave
I/O configuration		0
ID/ID2 code		A/0
Number I/O sockets		4
Design of the electrical connection of the inputs and outputs		M8 screw-type terminals
AS interface total current input max	mA	270
operating voltage		
• according to AS-Interface specification	V	26.5 ... 31.6
Ground terminal		not available
Addressing		using M12 female connector
AS interface Connection Polarity reversal protection		built-in

Sensor supply:

Type of voltage supply for power supply		using AS-Interface
Input voltage	V	16.5 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes
Ampacity		
• of the sensor supply		
— for all inputs		
— at ambient temperature 40 °C	mA	200

— at ambient temperature 55 °C

mA	150
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Inputs:

Number of digital inputs		4
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current		
<ul style="list-style-type: none"> • at digital input <ul style="list-style-type: none"> — for signal <1> minimum — with signal <0> maximum 	mA mA	6 1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Inputs		
<ul style="list-style-type: none"> • socket assignment <ul style="list-style-type: none"> — PIN 1 — PIN 3 — PIN 4 		sensor supply L+ sensor supply L- data input
Design of the pin assignment of the inputs		standard assignment

Outputs:

Number of digital outputs		0
Status display		
<ul style="list-style-type: none"> • display of I/Os • display of Uaux • display of AS-Interface/diagnostics 		yellow LED not required green/red dual LED
Assignment of data bits		
<ul style="list-style-type: none"> • socket • socket 2 • socket 3 • socket 4 		PIN 4 = IN1 (D0) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) PIN 4 = IN4 (D3)

Ambient conditions:

Ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 	°C °C	-25 ... +70 -40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	20
Height	mm	108
Depth	mm	45
Mounting type		no mounting plate required

Certificates/ approvals:

AS-Interface certificate	yes
Approvals	UL and CSA requested
General Product Approval	Test Certificates
	Shipping Approval



CSA



GOST



UL



[Special Test Certificate](#)



ABS

Shipping Approval	other
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DNV



LRS



PRS



RMRS

[Confirmation](#)

other

[Environmental Confirmations](#)

[Declaration of Conformity](#)

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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=3RK22000CT300AA3>

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

<http://support.automation.siemens.com/WW/view/en/3RK22000CT300AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK22000CT300AA3&lang=en>

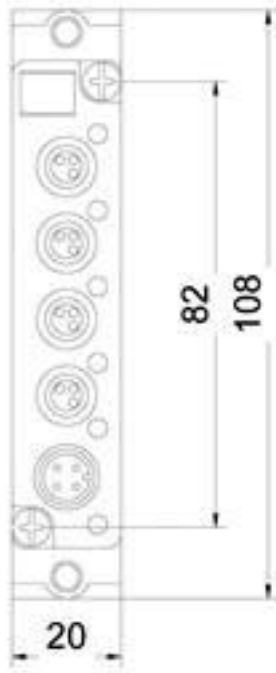
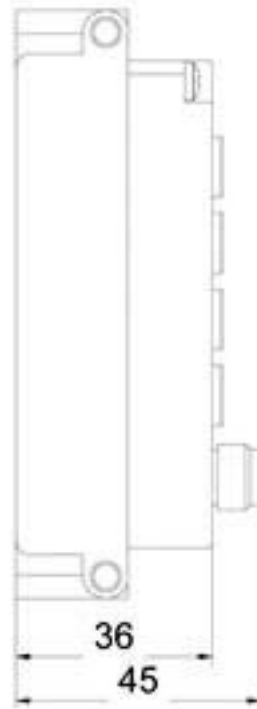


Figure similar



last modified:

17.01.2015