

Communication module - MINI MCR-2-V8-MOD-TCP - 2905635

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Eight MINI Analog Pro signal conditioners and measuring transducers can be quickly and easily integrated into a Modbus/TCP network via a communication adapter.

Product Description

Thanks to its innovative plug-in concept, the communication adapter offers a time-saving wiring solution. Eight MINI Analog Pro signal converters can be quickly and easily integrated into a Modbus/TCP network using a communication adapter. Flexible signal combinations and eliminating the need for I/O input cards saves space and money in the control cabinet.



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 996716
GTIN	4046356996716
Weight per Piece (excluding packing)	205.100 g
Custom tariff number	85389099
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	51.1 mm
Height	104.1 mm
Depth	61 mm

Supply

Nominal supply voltage range	12 V ... 24 V
Supply voltage range	9.6 V ... 30 V

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Supply

Typical current consumption	130 mA (at 9.6 V DC)
Power consumption	< 1200 mW

Input data

Available input sources	floating switch contact
	Current source
Number of inputs	8
Configurable/programmable	Yes
Current input signal	4 mA ... 20 mA
Maximum input current	24 mA
Input resistance current input	50 Ω
Maximum input voltage	5 V

Output data

Number of outputs	1
Configurable/programmable	Yes
Transmission speed	10 Mbps
	100 Mbps
Data update rate	15 ms

General

Maximum transmission error	0.1 %
Maximum temperature coefficient	0.01 %
Degree of protection	IP20 (Finger safety)
Overvoltage category	II
Degree of pollution	2
Rated insulation voltage	50 V _{rms}
Test voltage, input/output/supply	0.5 kV
Status display	Green LED
Indication	Red LED
Housing material	PBT 7% GF V0
Mounting position	any

Connection data

Connection name	Output
Connection method	RJ45
Number of positions	8

Ambient conditions

Ambient temperature (operation)	-40 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %

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Ambient conditions

Maximum altitude	4000 m
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Standards and Regulations

Electromagnetic compatibility	Conformance with EMC directive
Noise emission	EN 61000-6-4
Conformance	CE-compliant
UL, USA/Canada	UL 508 Listed
	Class I, Div. 2, Groups A, B, C, D T5
	Class I, Zone 2, Group IIC T5
GL	GL applied for

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

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UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cULus Listed			
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