

EEM-2AO-MA600 - Function module



2901475

<https://www.phoenixcontact.com/us/products/2901475>

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Special functional module with two analog outputs (0–20/4–20mA) for EEM-MA600



Your advantages

- 2 analog outputs 0 ... 20 mA/4 ... 20 mA, configurable

Commercial data

Item number	2901475
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C446
Product key	CMMC12
GTIN	4046356598965
Weight per piece (including packing)	141.9 g
Weight per piece (excluding packing)	130.6 g
Customs tariff number	90309000
Country of origin	HU

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Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Insulation characteristics

Overvoltage category	III (For mains voltage <300 V AC (L/N)) II (for mains voltage >300 V AC ... 600 V AC (L/N))
Pollution degree	2

Electrical properties

Electrical isolation	EN 61010-1 (Safe isolation) EN 61010-1 (Safe isolation)
Test voltage	3.5 kV AC (50 Hz, 1 min.)
Reverse polarity protection	yes

Supply

Supply voltage	9 V (via EEM-MA600)
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Output data

Output description	Current output
Number	2
Load/output load current output	600 Ω
Typical response time	1 s
Precision	0.5 % (of final value)
Current output signal	0 mA ... 20 mA 4 mA ... 20 mA

Connection data

Connection method	COMBICON plug-in screw terminal block
Stripping length	6 mm
Conductor cross-section rigid	0.5 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross-section AWG	20 ... 14
Tightening torque	0.4 Nm ... 0.4 Nm

Interfaces

Data

Connection method	Pluggable screw terminal block
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Data

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Connection method	Pluggable screw terminal block
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Dimensions

Width	22.5 mm
Height	65 mm
Depth	48 mm

Material specifications

Color	black (RAL 9005)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-10 °C ... 55 °C (14 °F ... 131 °F)
Ambient temperature (storage/transport)	-20 °C ... 85 °C (-4 °F ... 185 °F)
Max. permissible relative humidity (operation)	≤ 95 %
Max. salt spray content	≤ 2.5 %

Approvals

CE

Certificate	CE-compliant
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UL, USA/Canada

Identification	UL 61010-1
	CSA-C22.2 No. 61010-1
	cULus

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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