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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# EEM-TEMP-MA600


Order No.: 2901949



<http://eshop.phoenixcontact.ae/phoenix/treeViewClick.do?UID=2901949>

Function module for detection from three PT100 temperature sensors (-20°C ... +150°C) for EEM-MA600

## Commercial data

EAN	 4 046356 640992
Pack	1 pcs.
Customs tariff	90251920
Gross weight in pieces	132.30 g

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Input data

Description of the input	Pt 100 input: 2, 3, 4-wire
Number	3
Temperature range	-20 °C ... 150 °C (Connected sensors) -10 °C ... 55 °C (in the immediate vicinity)
Transmission error	0.5 K/m (2-wire) 0.25 K/m (3-wire) 0 K/m (4-wire)

### General data

Width	22.5 mm
Height	65 mm
Depth	48 mm

Supply voltage	9 V (via EEM-MA600)
Degree of protection	IP20
Color	black
Conformance	CE-compliant
Rated insulation voltage at mains voltage < 300 V AC (L/N)	III
Rated insulation voltage at mains voltage > 300 V AC - 600 V AC (L/N)	II
Test voltage	3.5 kV AC (50 Hz, 1 min.) 2.2 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-10 °C ... 55 °C (14 °F to 131 °F)
Ambient temperature (storage/transport)	-20 °C ... 85 °C (-4 °F ... 185 °F)
Max. permissible relative humidity (operation)	≤ 95 %
Salt spray	≤ 2.5 %

**Connection data**

Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Connection method	Push-in connection
Stripping length	8 mm

**Certificates**

Certification

Certifications applied for:

Certification Ex:

**Address**

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