

MCR-SL-D-PT100 - Digital display



2864119
<https://www.phoenixcontact.com/us/products/2864119>

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MCR digital display, for measuring temperatures, PT resistance thermometer / 5-fig. display

Commercial data

Item number	2864119
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C401
Product key	CK1311
Catalog page	Page 203 (NTK-2005)
GTIN	4017918902230
Weight per piece (including packing)	128.5 g
Weight per piece (excluding packing)	128.5 g
Customs tariff number	85389091
Country of origin	DE

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Technical data

Product properties

Product type	Digital displays
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Electrical properties

Test voltage	500 V AC (50/60 Hz, 1 min.)
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Supply

Supply voltage range	10 V DC ... 30 V DC
Max. current consumption	50 mA

Input data

Signal

Switching level "1" signal	4 V DC ... 30 V DC
Switching level "0" signal	0 V DC ... 2 V DC

Measurement

Sensor type:	-200 °C ... 850 °C (freely adjustable)
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Dimensions

Width	48 mm
Height	24 mm
Depth	68 mm

Material specifications

Housing material	Macrolon 2405
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (Front)
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

EMC data

Electromagnetic compatibility	Conformance with EMC directive
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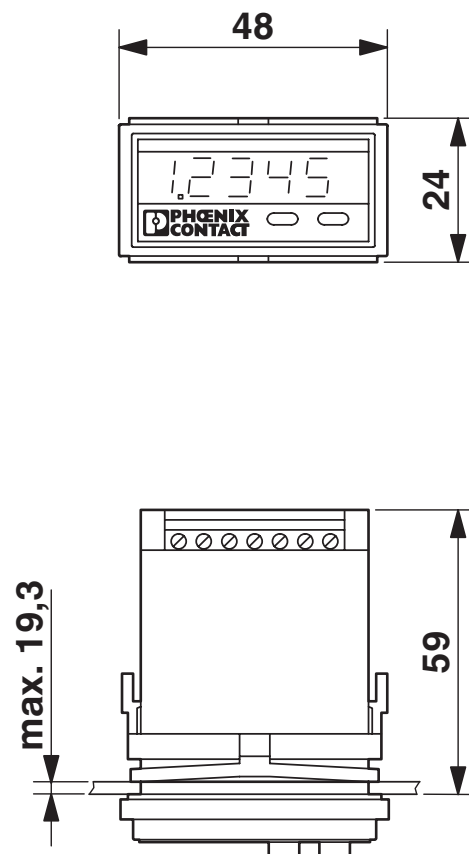
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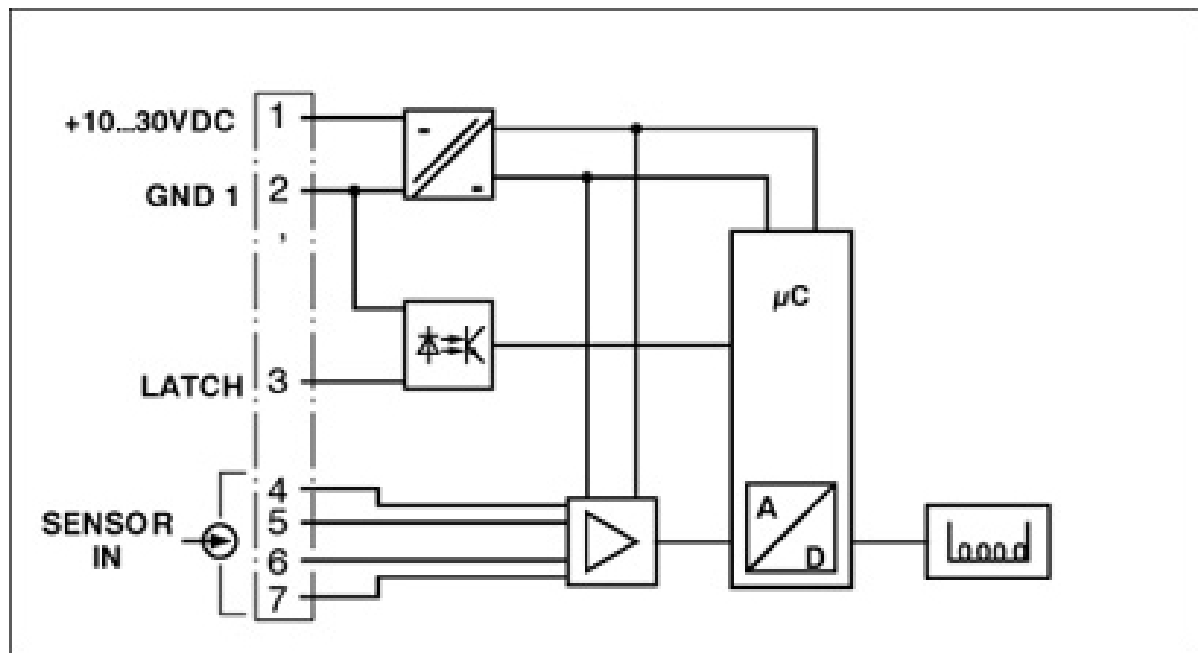


Drawings

Dimensional drawing



Circuit diagram



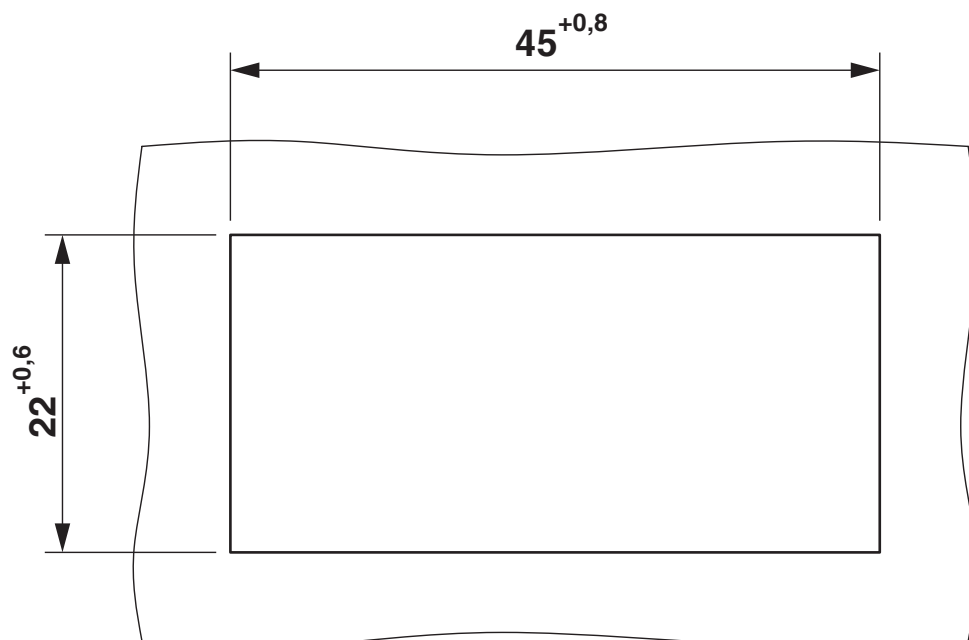
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Dimensional drawing



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Classifications

ECLASS

ECLASS-11.0	27210301
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Environmental product compliance

EU REACH SVHC

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