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Digital display - MCR-SL-D-U-I - 2864011

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MCR digital display, for measurement and display of standard signals, 5-fig. display

Your advantages

- 48 x 24 mm display
- 8 mm LED, 7-segment
- Min./max. value saving
- 5-digit display
- For 0 ... 10 V and 0(4) ... 20 mA standard analog signals
- Electrical isolation
- Programmable
- Freely programmable decimal point display

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 820718
GTIN	4017918820718
Weight per Piece (excluding packing)	0.096 kg
Custom tariff number	90291000
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	48 mm
Height	24 mm
Depth	68 mm

Ambient conditions

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Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Degree of protection	IP65 (Front)
Noise immunity	EN 61000-6-2

Input data

Voltage input signal	0 V ... 10 V
	2 V ... 10 V
Current input signal	4 mA ... 20 mA
	0 mA ... 20 mA
max. input voltage	30 V DC
Max. input current	50 mA
Input resistance of voltage input	> 1 MΩ
Input resistance current input	approx. 100 Ω with 5 mA / approx. 70 Ω with 20 mA

Output data

D/A resolution	14 bit

Power supply

Supply voltage range	10 V DC ... 30 V DC
Max. current consumption	50 mA
Power consumption	≤ 1.5 W

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	26 ... 16

General

Maximum transmission error	± 0.1 % (of final value)
Maximum temperature coefficient	< 0.07 %/K
Test voltage input/power supply	500 V_{rms} (50/60 Hz, 1 min.)
Noise emission	EN 55011 / class B
Noise immunity	EN 61000-6-2
Color	gray
Housing material	Macrolon 2405
Conformance	CE-compliant
UL, USA/Canada	UL 863

Standards and Regulations

Noise emission	EN 55011 / class B

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Technical data

Standards and Regulations

Noise immunity	EN 61000-6-2
	EN 61000-4-2
Connection in acc. with standard	CUL
Conformance	CE-compliant
UL, USA/Canada	UL 863

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27210301
eCl@ss 4.1	27210301
eCl@ss 5.0	27210301
eCl@ss 5.1	27210300
eCl@ss 6.0	27210300
eCl@ss 7.0	27210301
eCl@ss 8.0	27210301
eCl@ss 9.0	27210301

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001426
ETIM 5.0	EC001426
ETIM 6.0	EC001426
ETIM 7.0	EC001426

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 197577
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 197577
EAC			RU C-DE.A*30.B.01082
cULus Recognized			

Accessories

Accessories

Mounting rail adapter

DIN rail adapter - MCR-SL-D-RA - 2810081



DIN rail adapter for digital displays in a 24x48 mm housing. Suitable for 35 mm DIN rails in acc. with EN 60715.

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