

Setpoint adjuster - MCR-SL-D-SPA-UI - 2710314

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Digital setpoint encoders with manual and automatic ramp for defining current and voltage signals, 4-pos. display

Why buy this product

- Automatic setpoint definition with hold function and 20 interpolation points
- Manual setpoint definition via direct input
- Flexible, adjustable signal ranges of 0
12 V or 0
24 mA
- Data backup in the event of power failure
- Manual setpoint definition with incremental setting
- Display value parameterization
- Electrical isolation between output and supply

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 091190

Technical data

Dimensions

Width	48 mm
Height	24 mm
Depth	68 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP65 from the front

Output data

Voltage output signal	0 V ... 12 V
Current output signal	0 mA ... 24 mA
Load/output load voltage output	≥ 2 kΩ
Load/output load current output	≤ 500 Ω (Up to 20 mA)

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Technical data

Output data

	≤ 400 Ω (> 20 mA)
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Power supply

Supply voltage range	10 V DC ... 30 V DC
Power consumption	1 W (With 24 mA/12 V)

General

Maximum transmission error	< 0.2 % ((full-scale) at rated voltage)
Maximum temperature coefficient	0.02 %/K
Test voltage output/power supply	500 V AC (50 Hz, 1 min.)
Color	black
Housing material	Macrolon 2405
Conformance	CE-compliant
UL, USA / Canada	UL 508 Recognized

Standards and Regulations

Connection in acc. with standard	CUL
Conformance	CE-compliant
UL, USA / Canada	UL 508 Recognized

Classifications

eCl@ss

eCl@ss 4.0	27200303
eCl@ss 4.1	27200303
eCl@ss 5.0	27200303
eCl@ss 5.1	27200303
eCl@ss 6.0	27200303
eCl@ss 7.0	27142316
eCl@ss 8.0	27242304

ETIM

ETIM 2.0	EC001440
ETIM 3.0	EC001440
ETIM 4.0	EC001440
ETIM 5.0	EC001426

UNSPSC

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

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Approvals

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UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details


UL Recognized 

cUL Recognized 

EAC

EAC

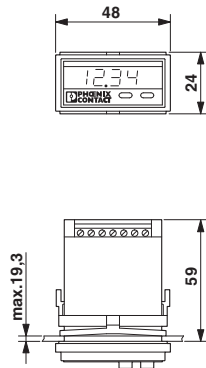
EAC

cULus Recognized 

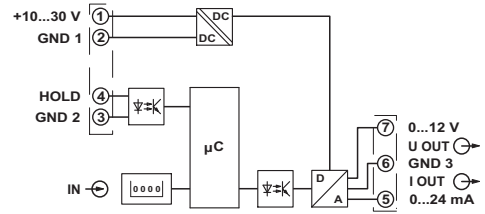
Drawings

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Dimensional drawing



Circuit diagram



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>