

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

Your advantages

- 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 pc
GTIN	
GTIN	4046356091190

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

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

Technical data

Output data

Voltage output signal	0 V ... 12 V
Current output signal	0 mA ... 24 mA
Load/output load voltage output	$\geq 2 \text{ k}\Omega$
Load/output load current output	$\leq 500 \Omega$ (up to 20 mA)
	$\leq 400 \Omega$ (> 20 mA)
Ripple	$\leq 10 \text{ mV}_{PP}$

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 863

Standards and Regulations

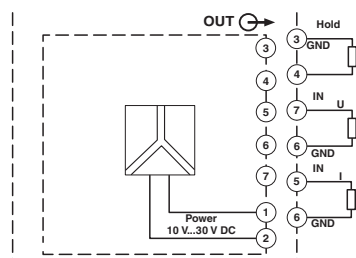
Connection in acc. with standard	CUL
Conformance	CE-compliant
UL, USA/Canada	UL 863

Environmental Product Compliance

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

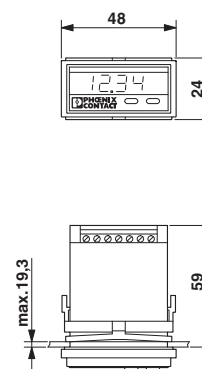
Drawings

Block diagram



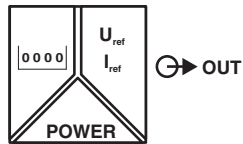
Block diagram MCR-SL-D-SPA-UI

Dimensional drawing

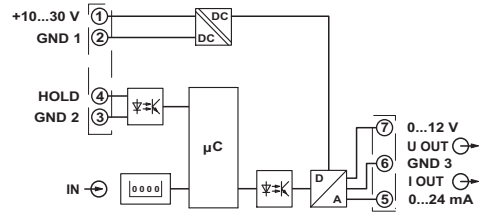


Setpoint adjuster - MCR-SL-D-SPA-UI - 2710314

Pictogram



Circuit diagram



Approvals

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			
------------------	--	--	--

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

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