

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 |
| GTIN | 4046356091190 |
| Weight per Piece (excluding packing) | 117.600 g |
| Custom tariff number | 90291000 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|-------|
| Width | 48 mm |
| Height | 24 mm |

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Technical data

Dimensions

| | |
|-------|-------|
| 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 | $\geq 2 \text{ k}\Omega$ |
| 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 508 Recognized |

Standards and Regulations

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

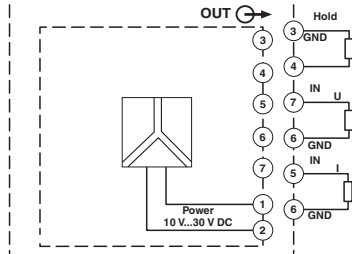
Environmental Product Compliance

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

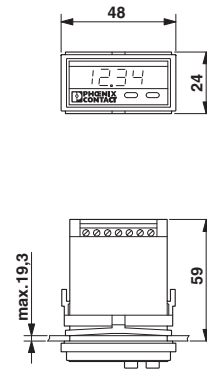
Drawings

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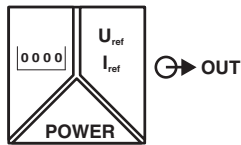
Block diagram



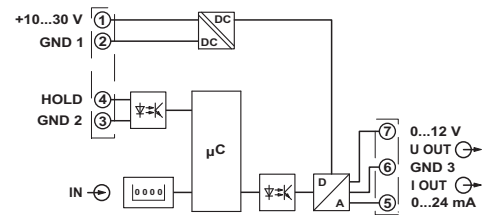
Dimensional drawing



Pictogram



Circuit diagram



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 | 27210301 |
| eCl@ss 9.0 | 27210301 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001440 |
| ETIM 3.0 | EC001440 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC001440 |
| ETIM 5.0 | EC001426 |
| ETIM 6.0 | 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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UL Recognized / cUL Recognized / EAC / EAC / 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 | | EAC-Zulassung |
|-----|--|---------------|

| | | |
|-----|--|--------------------------|
| EAC | | RU *- DE.A*30.B.01628 |
|-----|--|--------------------------|

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Approvals

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|-----|---|--------------------------|
| EAC |  | RU C- DE.A*30.B.01082 |
|-----|---|--------------------------|

| | | |
|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|

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.