

# Data sheet

## 16121.2 CMS-UI-2UI



Signal converter for converting voltage/current signals to two analogue standard signals, Screw connection, Mounting type: Mounting rail TS 35, Supply voltage: 24 VDC

### Business data

Article number	<u>16121.2</u>
Article name	CMS-UI-2UI
GTIN (EAN)	4044211187118
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	120 g
Weight per piece (including packaging)	120 g
Unit of weight	G
Customs number	85423190
Country of origin	NL
Product description	Converter unit

### Technical data

#### Dimensions

Length	99 mm
Width	17.5 mm
Height	114.5 mm

#### Ratings

Overvoltage category	III
Contamination degree	2

#### Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
Wire cross-section single-core (rigid), max.	2.5 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	2.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
Stripping length	7 mm
Torque	0.6 Nm

#### Input data

Input signal U/I, max.	12 VDC / 25 mA
Input resistance U/I	>50K / 100 Ohm
Input signals adjustable via DIP switch	1

#### Output data

Output signal adjustable via DIP switch	✓
Load resistance U	>1K Ohm
Converter functionality	Signal doubler / 2-channel conversion / signal inverter
Load resistance I	<600 Ohm
Offset I	40 µA
Offset U	<20 mV
Output signal I, max.	21 mA
Output signal U, max.	10,5 V

### Technical data

#### Materials

Working temperature, min.	-20 °C
Working temperature, max.	55 °C
Temperature coefficient	<0,02% / K °C

#### Further technical data

Power supply	24 V ± 25% -
Current consumption	65 mA
Electrical isolation	✓
Transmission error (from end value)	<0,5%
Limit frequency (-3 dB)	10 Hz
Protection class	IP20
Insulation voltage input / output	1 kV / 50 Hz / 1 min
Insulation voltage power supply / signal	1 kV / 50 Hz / 1 min

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

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### Approvals

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#### Standards and regulations

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CE compliant

yes

Standards / specifications

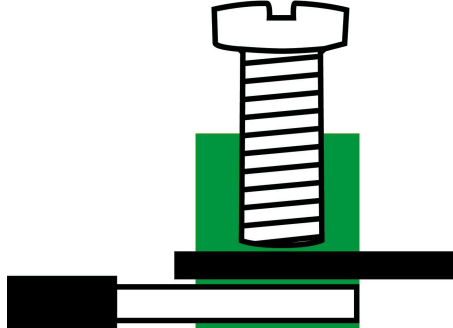
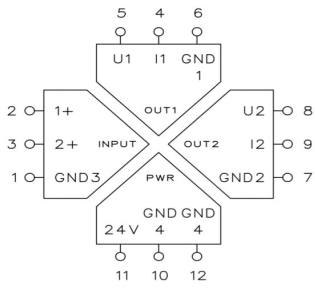
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# Data sheet

## 16121.2 CMS-UI-2UI

### Media



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### Accessories

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