



Multi-function signal converter with multiple inputs and outputs, customer-specific configuration, Screw connection, Mounting type: Mounting rail TS 35, Supply voltage: 24 VDC

### Business data

Article number	<u>15963.2</u>
Article name	CMS-BS100
GTIN (EAN)	4044211144470
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	110 g
Weight per piece (including packaging)	133 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

Contamination degree	2
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#### 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

Reference output voltage for RTD	10 VDC V
Input signal U/I, max.	30 VDC / 22 mA
Input resistance U/I	200K / 200 Ohm
Resolution U/I (bit)	10 mV / 20 $\mu$ (10)
Resolution RTD: PT1000 / NI1000 (bit)	0,6 °C / 0,5 °C (8)
Temperature range RTD	-20-140 °C

#### Output data

Continuous current (resistive load), max.	0,1 A
Output signal adjustable via DIP switch	✓
Load resistance U	>1K Ohm
Load resistance I	<500 Ohm
Offset I	20 $\mu$ A
Offset U	<10 mV
Output signal I, max.	22 mA
Output signal U, max.	12 V

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### Technical data

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#### Materials

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

#### Further technical data

Power supply	24 VDC $\pm$ 20% -
Current consumption	25 mA
Response time	100 ms
Transmission error (from end value)	<0,5% F.S.
Protection class	IP20
Conversion error set / not set	<0,5% F.S.

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-01-17
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

EN 55011 / EN 61326-1

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### Media

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### Accessories

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