

## WAVESERIES - DC/DC 2-way isolator

### Supply on outside

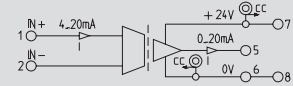
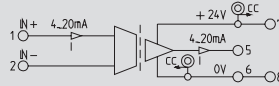
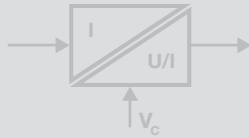
- Signal conversion
- Galvanic isolation between input and output signals
- Power supply can be cross-connected using plug-in jumpers.

### 4...20 mA / 4...20 mA

UL Class I, Div. 2



### 4...20 mA / 0...20 mA



### Technical data

#### Input

Input voltage / Input current

#### Output

Output voltage / Output current

Load impedance, voltage/current

Cut-off frequency (-3 dB)

#### General data

Supply voltage

Current consumption

Current-carrying capacity of cross-connect.

Accuracy

Temperature coefficient

Step response time

Ambient temperature

Storage temperature

Approvals

#### Insulation coordination

Standards

EMC standards

Rated voltage

Impulse withstand voltage

Insulation voltage

Overvoltage category

Pollution severity

Clearance & creepage distances

/ 4...20 mA (current loop)

/ 4...20 mA

/  $\leq 500 \Omega$

$\geq 15$  Hz (typ. 20 Hz)

24 V DC  $\pm 20\%$

$< 32$  mA @  $I_{OUT} = 20$  mA

$\leq 2$  A

$\pm 0.2\%$  of final value

$\leq 250$  ppm/K of final value

$\leq 30$  ms (typ. 20 ms)

0 °C...+55 °C

-20 °C...+85 °C

cULus; CSA; cULusEX; CE

EN 50178

EN 55011, EN 61000-6

300 V

4 kV

1.2 kV<sub>eff</sub> / 5 s

III

2

$\geq 3$  mm

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/  $\leq 500 \Omega$

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III

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#### Dimensions

Clamping range (nominal / min. / max.) mm<sup>2</sup>

Length x width x height mm

#### Note

#### Screw connection

2.5 / 0.5 / 2.5

92.4 / 12.5 / 112.4

#### Tension clamp connection

1.5 / 0.5 / 2.5

92.4 / 12.5 / 112.4

#### Screw connection

2.5 / 0.5 / 2.5

92.4 / 12.5 / 112.4

### Ordering data

Screw connection  
Tension clamp connection

Type	Qty.	Order No.
WAS4 CCC DC 4-20/4-20MA	1	8444980000
WAZ4 CCC DC 4-20/4-20MA	1	8444990000

Type	Qty.	Order No.
WAS4 CCC DC 4-20/0-20MA	1	8445010000

#### Note

### Accessories

Cross-connector for power supplies and markers – refer to Accessories

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