

## WAS5 CCC LP 0-20/0-20MA

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)

Product is no longer available, Data sheet for information only



1-channel signal isolating converter with external power supply: for transmitting and isolating analogue DC current and voltage signals.

The input and output parameters can be configured as required using the DIP switches.

The input and output channels are completely electrically isolated, as is the power supply.

Depending on their housing type, these converters are available in widths of 6.1 mm and 12.5 mm.

These signal isolating converters have international approvals (cULus, ATEX Zone2, FM Div 2, GL,DNV) which enable them to be used worldwide for many applications.

### General ordering data

Version	Passive isolator, Input : 0(4)-20 mA, (loop powered), Output : 0(4)-20 mA
Order No.	<a href="#">8463580000</a>
Type	WAS5 CCC LP 0-20/0-20MA
GTIN (EAN)	4032248049455
Qty.	1 items
Delivery status	Discontinued
Available until	2022-12-31T00:00:00+01:00
Alternative product	<a href="#">ACT20P-2CI-2CO-ILP-S</a>

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

### Dimensions and weights

Depth	112.4 mm	Depth (inches)	4.4252 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	92.4 mm	Length (inches)	3.6378 inch
Net weight	152 g		

### Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	0 °C...70 °C
Humidity at operating temperature	0...95 % (no condensation)		

### Probability of failure

SIL in compliance with IEC 61508	None	MTTF	1049 a
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### Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	b25f3b7c-b874-4a4e-a8b2-4f423a7e2a65

### Input

Number inputs	2	Input current	0(4)...20 mA current loop
Voltage drop	Approx. 3 V at RL = 0 Ω; approx. 13 V at RL = 500 Ω; (IIN = 20 mA)	Pick-up current	<100 μA

### Output

Number of outputs	2	Load impedance current	≤ 500 Ω
Output current	0...20 mA, 4...20 mA		

### Output (digital)

Rated switching current	0.1 A	Max. switching voltage, AC	0 V
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### General data

Accuracy	<0.1 % of end value	Protection degree	IP20
Supply voltage	via the input measuring circuit	Mounting rail	TS 35
Temperature coefficient	≤ 50 ppm/K of final value	Nominal power consumption	1.5 VA
Configuration	none		

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**Technical data**

**Insulation coordination**

Impulse withstand voltage	6 kV	EMC standards	EN 55011, EN 61000-6
Surge voltage category	III	Pollution severity	2
Galvanic isolation	Passive isolator	Insulation voltage input or output/rail	4 kVeff / 1 min.
Insulation voltage	4 kVeff / 1 s	Rated voltage	300 V

**Connection data**

Type of connection	Screw connection	Stripping length, rated connection	7 mm
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>		

**Important note**

Product information	This product will soon be replaced by a new product. Please do not use with new systems. Please contact our technical support.		
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**Classifications**

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

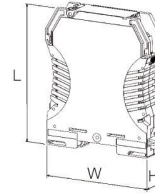
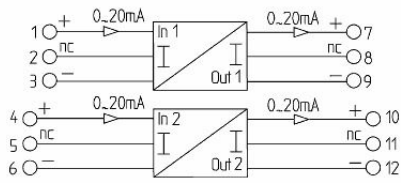
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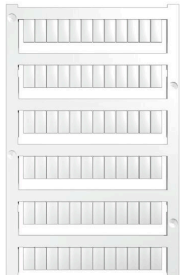
Drawings

Connection diagram



**Accessories**

**Blank**



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

Type	WS 10/5 MC NE WS	Version
Order No.	<a href="#">1635000000</a>	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 ST	