

WAS5 CCC LP 0-20/0-20MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Only remaining stock available,
Do not use product
for new developments

**General ordering data**

Version	Passive isolator, Input : 0(4)-20 mA, (loop powered), Output : 0(4)-20 mA
Order No.	8444950000
Type	WAS5 CCC LP 0-20/0-20MA
GTIN (EAN)	4032248102099
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2022-03-30
Alternative product	7760054123

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Technical data

Dimensions and weights

Depth	112.4 mm	Depth (inches)	4.425 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	92.4 mm	Length (inches)	3.638 inch
Net weight	125 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-25 °C...70
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Probability of failure

MTTF	2,097 a
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Input

Input current	0(4)...20 mA current loop	Number of inputs	1
Pick-up current	< 100 µA	Voltage drop	Approx. 3 V at $R_L = 0 \Omega$; approx. 13 V at $R_L = 500 \Omega$; ($I_{IN} = 20 \text{ mA}$)

Output

Load impedance current	$\leq 500 \Omega$	Number of outputs	1
Output current	0...20 mA, 4...20 mA		

General data

Accuracy	< 0.1 % of end value	Configuration	none
Galvanic isolation	Passive isolator	Rail	TS 35
Temperature coefficient	$\leq 50 \text{ ppm/K}$ of final value	Voltage supply	via the input measuring circuit

Insulation coordination

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

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 ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²		

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-20
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20
ECLASS 12.0	27-21-01-20	ECLASS 13.0	27-21-01-20

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Technical data

Tender specification sheets

Long specification	Short specification	Standard signal passive isolator, input-loop powered 1-channel signal passive isolator in 17.5 mm width with input current loop feed, for transmitting and isolating analogue DC current signals from 0/4 to 20 mA
Type- CCC-LP 0-20/0-20mA	WAS5	

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b25f3b7c-b874-4a4e-a8b2-4f423a7e2a65

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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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

Downloads

Approval/Certificate/Document of Conformity	Application notes – Declaration of Conformity
User Documentation	Device description – Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	

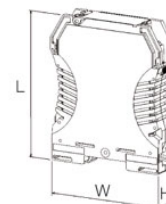
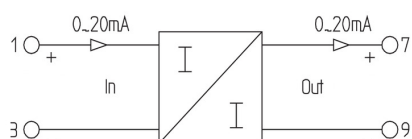
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Drawings

Connection diagram



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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.	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 pc(s).	