Data sheet

WAS5 CCC LP 0-20/0-20MA

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

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.	8463580000
Type	WAS5 CCC LP 0-20/0-20MA
GTIN (EAN)	4032248049455
Qty.	1 items
Delivery status	Discontinued
Last order date	2022-12-31T00:00:00+01:00
Alternative product	ACT20P-2CI-2CO-ILP-S

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
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

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

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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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 mm²	Clamping range, min.	0.5 mm²
Clamping range, max.	2.5 mm²		

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.

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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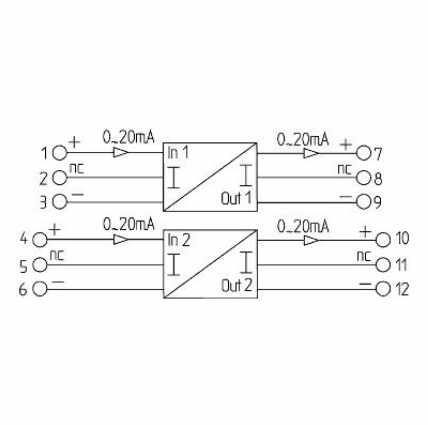
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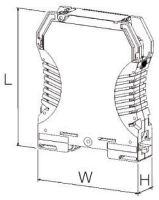
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Drawings

Connection diagram





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