WAS5 CCC 2OLP EX

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

www.weidmueller.com

Product is no longer available, Data sheet for information only



General ordering data

Version	Signal converter/insulator, Input : 4-20 mA, Output : 2 x 4-20 mA, (loop powered)
Order No.	8975640000
Type	WAS5 CCC 2OLP EX
GTIN (EAN)	4032248808250
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2019-08-31
Alternative product	7760054122

Creation date March 28, 2024 9:48:11 PM CET

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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	88.1 g		

Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...55

Input

Input current	4...20 mA (current loop)	Number of inputs	1
Voltage drop	3.8 V		

Output

Cut-off frequency (-3 dB)	30 Hz	Load impedance current	$R_L = (U_B\text{-}12\ V) / 20 \pm 20mA$, e.g. 600 Ω at 24 V
Number of outputs	2	Output current	2 x 4...20 mA (current loop)
Output signal limit	Approx. 31 mA		

General data

Accuracy	typ. 0.1 %; max 0.2 %	Configuration	none
Galvanic isolation	Passive isolator	Rail	TS 35
Step response time	< 20 ms	Temperature coefficient	≤ 150 ppm/K
Voltage supply	min. 12 V DC/ max. 30 V DC		

Insulation coordination

EMC standards	EN 55011, EN 61000-6	Galvanic isolation	Passive isolator
Impulse withstand voltage	4 kV	Insulation voltage	4 kV_{eff} / 5 s
Insulation voltage input or output/rail	4 kV_{eff} / 1 min.	Insulation voltage input or output/supply	4 kV_{eff} / 5 s
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 mm²	Clamping range, min.	0.5 mm²
Clamping range, max.	2.5 mm²		

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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Tender specification sheets

Long specification	**Standard signal splitter, output-current loop feed** 1-channel signal splitter in 17.5 mm width, output-current loop feed, for transmitting and isolating analogue DC current signals from 4 to 20 mA. Approved for ATEX Zone2 UL C1/ Div2 applications. Add-on housing for TS35 DIN rail installation Dimensions: L/W/H 92.4/ 17.5/ 112.4 mm Screw connection / nominal cross-section 2.5 mm^2 Protection degree: IP 20 Input4...20 mA Output 2 x 4...20 mA Load resistance / R = (UB-12 V) / 20 mA e.g. 600 Ohm at 20 mA Transmission error < 0,1 % v. E. Auxiliary power 4...20 mA output current loop Ambient temperature range 0°C... +55 °C Isolation EN 50178 , 2-way isolation up to 4 kV AC/DC Test voltage4 kV Rated voltage 300 V AC/DC at overvoltage category III and pollution degree 2 Approvals cULus, cULusEX, ATEX Type**WAS5 CCC 2OLP EX**
Short specification	**Standard signal splitter, output-current loop feed** **1-channel signal splitter in 17.5 mm width, output-current loop feed, for transmitting and isolating analogue DC current signals from 4 to 20 mA. Approved for ATEX Zone2 UL C1/ Div2 applications.**

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

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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Technical data

Approvals

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

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	

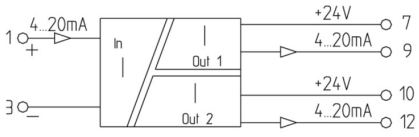
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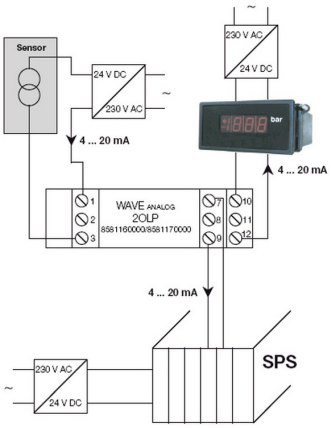
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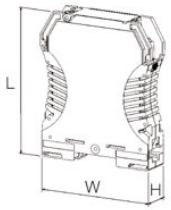
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Drawings

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).	