



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



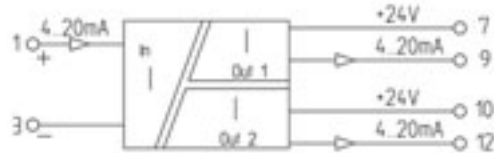
## Contact us

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**General ordering data**

Order No.	8581170000
Part designation	WAZ5 CCC 2OLP
Version	Signal distributor, 2 x 4...20 mA (current loop) , Tension clamp connection
EAN	4032248234479
Qty.	1 pc(s).

**Input**

Input current	4...20 mA (current loop)
Max. current	40 mA
Voltage drop	3.8 V
Number of inputs	1

**Output**

Output current	2 x 4...20 mA (current loop)
Load resistance, current	$R = (U - 12 \text{ V}) / 20 \text{ mA}$ z.B. 600 $\Omega$ at 24 V
Output signal limit	Approx. 31 mA
Accuracy	Typical 0.1%, max. 0.2%
Cut-off frequency (-3 dB)	30 Hz
Residual ripple	20 mV 120 mV at 500 $\Omega$
Step response time	< 20 ms
Status indicator	Green LED
Temperature coefficient	$\leq 150 \text{ ppm/K}$
Number of outputs	2

**General data**

Function	Signal distributor
Input/Output	4...20 mA/ 2 x 4...20 mA
Galvanic isolation	Passive isolator
Type of connection	Tension clamp connection
Mounting rail	TS 35
Weight	100 g
Voltage supply	Min. 12 V DC/ max. 30 V DC
Ambient temperature (operational)	0°C...+55 °C (side by side)

#### General data

Storage temperature -20 °C...+85 °C

#### Insulation coordination

Standards	EN 50178
EMC standards	EN 55011, EN 61000-6
Insulation voltage input, output	4 kV / 5 s
Insulation voltage output/output	4 kV / 5 s
Insulation voltage input or output/rail	4 kV / 1 min.
Insulation voltage input or output/supply	4 kV / 5 s
Clearance & creepage distances	≥ 5.5 mm
Impulse withstand voltage	4 kV
Pollution severity	2
Overvoltage category	III
Rated voltage	300 V

#### Dimensions

Clamping range, max.	2.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, nom.	1.5 mm <sup>2</sup>
Length	92.4 mm
Height	112.4 mm
Width	17.5 mm

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1	27-21-01-20
eClass 5.0	27-21-01-20
eClass 5.1	27-21-01-20

#### Similar products

Order No.	Part designation	Version
8581160000	WAS5 CCC 2OLP	Signal distributor, 2 x 4...20 mA (current loop) , Screw connection