

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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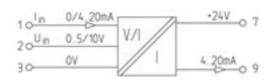
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











General ordering data	
Order No.	8543720000
Part designation	WAS5 OLP

Version Output current loop feed, 4...20 mA (current loop),

Screw connection

EAN 4032248180752

Qty. 1 pc(s).

Input

 Input voltage
 0...(5)10 V

 Input current
 0(4)...20 mA

 Max. voltage
 30 V DC

 Max. current
 40 mA

Input resistance  $0...5V: 210 \text{ k}\Omega; 0...10V: 430 \text{ k}\Omega$ 

Input resistance, current 51  $\Omega$  Number of inputs 1

Output

Output current 4...20 mA (current loop)

Load resistance, current  $R = (U-12 \text{ V}) / 20 \text{ mA z.B. } 600 \Omega \text{ at } 24 \text{ V}$ 

Output signal limit Approx. 24 mA

Accuracy 0.2% of measuring range final value

Cut-off frequency (-3 dB) 10 Hz/ 100 Hz switchable

Residual ripple 50 mV at 500  $\Omega$ 

Step response time < 10 Hz: 80 ms; 100 Hz: 50 ms

Status indicator Green LED
Temperature coefficient ≤ 150 ppm/K

Number of outputs 1

General data

Function Output current loop feed

Input/Output 0(4)...20 mA, 0...(5)10 V / 4...20 mA (current loop)

Galvanic isolation Passive isolator
Type of connection Screw connection

Mounting rail TS 35



Weight	100 g
Voltage supply	Min. 12 V DC/ max. 30 V DC
Default setting	020mA, 10 Hz
Ambient temperature (operational)	0°C+55 °C (side by side)
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 input or output/rail	4 kV / 1 min.
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.	2.5 mm <sup>2</sup>
Length	92.4 mm
Height	112.4 mm
Width	17.5 mm
Approvals	
Approvals institutes	<b>⋒</b>
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	LISTED
Classifications	
eClass 4.1	27-21-01-20

## Similar products

eClass 5.0

eClass 5.1

8543730000	WAZ5 OLP	Output current loop feed, 420 mA (current loop), Tension clamp
		connection

27-21-01-20

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