



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!



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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 k Ω ; 0...10V: 430 k Ω
Input resistance, current	51 Ω
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 Ω at 24 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 Ω
Step response time	< 10 Hz: 80 ms; 100 Hz: 50 ms
Status indicator	Green LED
Temperature coefficient	$\leq 150 \text{ ppm/K}$
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

General data

Weight	100 g
Voltage supply	Min. 12 V DC/ max. 30 V DC
Default setting	0...20mA, 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 ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	2.5 mm ²
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
8543730000	WAZ5 OLP	Output current loop feed, 4...20 mA (current loop) , Tension clamp connection