

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[8543720000](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**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 kΩ; 0...10V: 430 kΩ
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	≤ 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

**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 <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


**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