



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