



General ordering data

Order No.	8444950000
Part designation	WAS5 CCC LP 0-20/0-20mA
Version	Input current loop feed, 0(4)...20 mA , Screw connection
EAN	4032248102099
Qty.	1 pc(s).

Input

Input current	0(4)...20 mA current loop
Max. voltage	18 V
Max. current	50 mA
Voltage drop	Approx. 3 V at $R = 0 \Omega$; approx. 13 V at $R = 500 \Omega$; ($I = 20 \text{ mA}$)
Number of inputs	1

Output

Output current	0(4)...20 mA
Load resistance, current	$\leq 500 \Omega$
Accuracy	$< 0.1 \%$ of end value
Residual ripple	$< 20 \text{ mV}$
Temperature coefficient	$\leq 50 \text{ ppm/K}$ of final value
Number of outputs	1

General data

Function	Input current loop feed
Input/Output	0(4)...20 mA/0(4)...20 mA (1-channel)
Galvanic isolation	Passive isolator
Type of connection	Screw connection
Mounting rail	TS 35
Ambient temperature (operational)	$-25 \text{ }^\circ\text{C} \dots +70 \text{ }^\circ\text{C}$
Storage temperature	$-40 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$

Insulation coordination

Standards	EN 50178 (secure separation)
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Insulation coordination

EMC standards	EN 55011, EN 61000-6
Insulation voltage input, output	4 kV / 1 s
Insulation voltage input or output/rail	4 kV / 1 min.
Clearance & creepage distances	≥ 5.5 mm
Impulse withstand voltage	6 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
8444960000	WAZ5 CCC LP 0-20/0-20mA	Input current loop feed, 0(4)...20 mA , Tension clamp connection