



#### General ordering data

Order No.	8581160000
Part designation	WAS5 CCC 2OLP
Version	Signal distributor, 2 x 4...20 mA (current loop) , Screw connection
EAN	4032248234462
Qty.	1 pc(s).

#### Input

Input current	4...20 mA (current loop)
Max. current	40 mA
Voltage drop	3.8 V
Number of inputs	1

#### Output

Output current	2 x 4...20 mA (current loop)
Load resistance, current	$R = (U - 12 \text{ V}) / 20 \text{ mA}$ z.B. 600 $\Omega$ at 24 V
Output signal limit	Approx. 31 mA
Accuracy	Typical 0.1%, max. 0.2%
Cut-off frequency (-3 dB)	30 Hz
Residual ripple	20 mV 120 mV at 500 $\Omega$
Step response time	< 20 ms
Status indicator	Green LED
Temperature coefficient	$\leq 150 \text{ ppm/K}$
Number of outputs	2

#### General data

Function	Signal distributor
Input/Output	4...20 mA/ 2 x 4...20 mA
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
Ambient temperature (operational)	0°C...+55 °C (side by side)

**General data**

Storage temperature	-20 °C...+85 °C
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**Insulation coordination**

Standards	EN 50178
EMC standards	EN 55011, EN 61000-6
Insulation voltage input, output	4 kV / 5 s
Insulation voltage output/output	4 kV / 5 s
Insulation voltage input or output/rail	4 kV / 1 min.
Insulation voltage input or output/supply	4 kV / 5 s
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
8581170000	WAZ5 CCC 2OLP	Signal distributor, 2 x 4...20 mA (current loop) , Tension clamp connection