

Output Loop Powered Isolator and Signal Splitter

NEW

WAVEANALOG 2OLP

- Galvanic isolation
- Input and output loop powered
- Low power consumption
- Input range adjustable by DIP switches
- No adjustment required

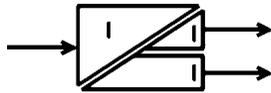
CCC 2OLP



Approvals:



Schematic circuit diagram



Ordering Data

Screw clamp connection
Tension clamp connection

Technical data*

Input

Input current
Input voltage drop

Output

Output current (Channel 1)
Output current (Channel 2)

Load resistance

min. voltage supply

Cut-off frequency

Accuracy

Temperature coefficient

Coordination of insulation according to DIN EN 50178, 04/98

Rated voltage
Rated surge voltage
Overvoltage category
Contamination class
Clearance and creepage distance mm (in.)
Test voltage

General Data

Operating temperature
Storage temperature
Standards/Specifications

EMC standards

Dimensions W/L/H

Weight

Approvals

* Tu 23°C, single module

Type

WAS5 CCC 2OLP
WAZ5 CCC 2OLP

Part No.

8581160000
8581170000

4...20 mA (current loop)
3.8 V

4...20 mA (current loop)
4...20 mA (current loop)

$R_L = (V-12)/20$ mA, i.e., 600 Ω at 24 VDC

12 VDC

30 Hz

0.2% of full scale value

± 250 ppm/K

300 V

4 kV

III

2

5.5 (0.22)

4 kV_{eff}

0°C...+55°C mounted on horizontal DIN rail

-20°C...+85°C

EN 50178

EN 50082-2, EN 50081-1, EN 50081-2 EN 55011

17.5/92.4/112.5 (0.69/3.64/4.43)

100 g

CE, cRUUS

