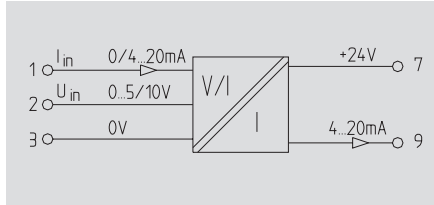
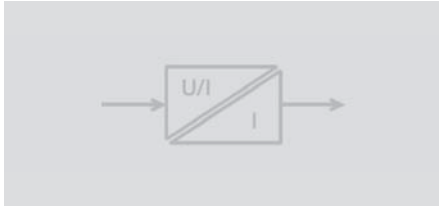


DC/DC passive isolator

Output current loop-fed

- Galvanic isolation
- Very low power consumption
- Input range selected via DIP switch
- Calibration not necessary

O LP



Switch position/setting options

Input	SW 1			
	1	2	3	4
0...20 mA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4...20 mA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0...5 V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0...10 V	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transmission frequency				
10 Hz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
100 Hz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

■ = on
□ = off

Technical data

Input

Input voltage
Max. voltage
Input resistance voltage/Current
Input current
Max. current

0... (5) 10 V
30 Vdc
0...5V: 210 kΩ; 0...10V: 430 kΩ/51 Ω
0(4)...20 mA
40 mA

Output

Output current
Output signal limit
Load resistance voltage/Current
Accuracy
Temperature coefficient
Residual ripple
Step response time
Cut-off freq. (-3dB)

4...20 mA (current loop)
approx. 24 mA
/RL=(Ub-12V) / 20 mA e.g. 600 Ω at 24V
0.2 % of measuring range final value
≤ 150 ppm/K
50 mVeff at 500 Ω
< 10 Hz: 80 ms; 100 Hz: 50 ms
10 Hz/ 100 Hz switchable

General data

Supply voltage
Operation temperature
Storage temperature
Default settings
Approvals

min. 12 Vdc/ max. 30 Vdc
0 °C...+55 °C (fitted)
-20 °C...+85 °C
0...20mA, 10 Hz
CE / ESD / cURus

Insulation coordinates

Standards
EMC standards
Rated voltage
Impulse withstand voltage
Isolation voltage Input, output
Overvoltage category
Pollution severity
Clearance & creepage path

EN 50178
EN 50082-2, EN 50081-1, -2, EN 55011
300 V
4 kV
4 kVeff / 5s
III
2
≥ 5.5 mm

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Screw connection

2.50 / 0.50 / 2.50
92.4 x 17.5 x 112.4

Tension clamp c.

1.50 / 0.50 / 2.50
92.4 x 17.5 x 112.4

Information

Tu=23°C, single module

Ordering data

Type of connection

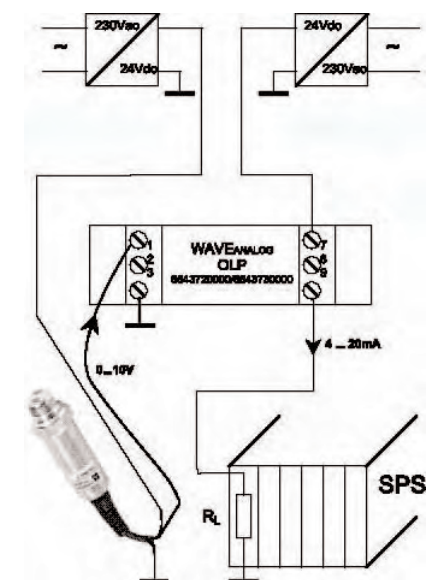
Screw connection
Tension clamp c.

Type	Qty.	Order No.
WAS5 OLP	1	8543720000
WAZ5 OLP	1	8543730000

Information

Accessories

Information



Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2