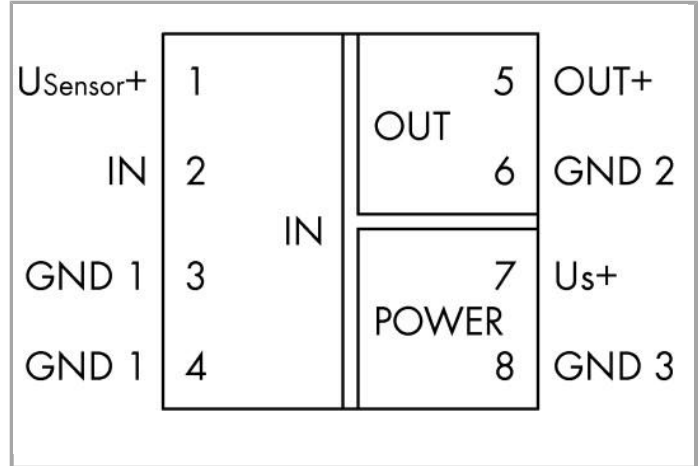
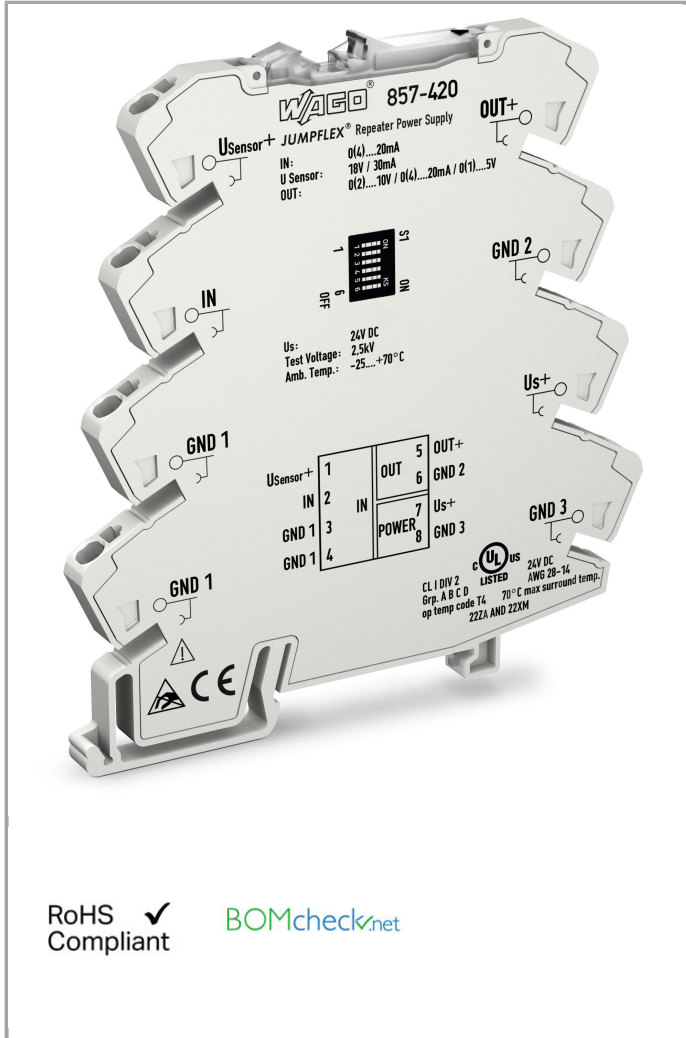


Data sheet | Item number: 857-420

Isolation amplifier; Current input signal; Current and voltage output signal;

Supply voltage: 24 VDC; 6 mm module width

[www.wago.com/857-420](http://www.wago.com/857-420)







Load impedance (output/voltage)	$\geq 2\text{k}\Omega$
Load impedance (output/current)	$\leq 600\Omega$
Offset	$\leq 20\mu\text{A}$
Residual ripple	$\leq 10\text{ mV (rms)}$

### Signal processing

Max. operating frequency	100Hz
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### Measurement error

Transmission error typ.	$\leq 0.1\%$ of upper range value
Temperature coefficient	$\leq 0.01\%/K$

### Power supply

Type of power supply	24 VDC
Nominal supply voltage $U_S$	24 VDC
Supply voltage range	$\pm 30\%$
Current consumption at supply voltage	45 mA

### Safety and protection:

Test voltage (input/output/supply)	2.5 kV AC; 50Hz; 1 min
Degree of protection	IP20

### Connection data

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 Inch

### Geometrical Data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	97.8 mm / 3.85 inch
Depth	94 mm / 3.701 inch

### Mechanical data

Type of mounting	DIN-35 rail
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### Material Data

Color	lichtgrau
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Weight 37 g

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### Environmental Requirements

Surrounding air (operating) temperature -25 ... 70 °C

Surrounding air (storage) temperature -40 ... 85 °C

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### Standards and specifications

Conformity marking CE

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### Approvals / Certificates

#### UL-Approvals

Logo	Approval	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	E175199 Sec.4 (ORDINARY LOCATIONS)

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Subject to changes.