



Identification	Type Part-No.	LCIS-WRA-1557-62-PI 751557.0000
Description	Input: 0–1 k Ω / 0–6 k Ω Output: 0–10 V / 0–20 mA / 4–20 mA Insulation: 2.5 kV, 3-way disconnection	
Input	Input variable Poti 0–1 k Ω , Poti 0–6 k Ω Galvanic isolation I/O 3-way isolation Measuring procedure 2-wire, constant current Parameterisation DIP switch S1 Zero /Span Production comparison Input resistance >1 M Ω Sensor current 0.45 mA @ 0–1 k Ω / 0.15 mA @ 0–6 k Ω Protection device Overvoltage protection	
Output	Output signal 0–10 V, 0–20 mA, 4–20 mA Max. load impedance at I-output 500 Ω Min. load impedance at U-output 2 k Ω Load deviation at U-output max. 5 mV @ 2 k Ω	

25.08.2017 – Subject to technical modification

Part-No. 751557.0000

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Technical data sheet · Interface Technology

Output voltage	< 16 V @ 0–20 mA, 4–20 mA
Output current	max. 5 mA @ 10 V
Residual ripple	<20 mV _{eff}
Parameterisation	DIP switch S1
Protection device	short circuit protection

Operating data

Accuracy	0.3 % FSR @ 23 °C
Linearity error	0.1 % FSR
Rise time (10 - 90%)	approx. 30 ms @ 23 °C
Build-up time (Accuracy 1%)	approx. 60 ms @ 23 °C
Temperature coefficient	150 ppm / K FSR
Critical frequency	10 Hz @ 3 dB / 23 °C

General

Rated voltage	AC/DC 24 V
Operation voltage range	AC 19.2–26.4 V / DC 18.0–31.2 V
Rated current	approx. 22 mA @ AC 24 V / approx. 13 mA @ DC 24 V
Status indication	LED green
Rise time (10 - 90%)	approx. 30 ms @ 23 °C
Insulation voltage input / output	2.5 kV _{eff}
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Colour of the housing	RAL 7012 basalt grey
Mounting	DIN rail mountable TS35 (EN 60715)
Protection class	IP20
Installation position	any
Connection device	Push-In single wire 0.25 mm ² –2.5 mm ² / AWG 20–14 fine stranded wire with ferrule 0.25 mm ² –1.5 mm ² / AWG 20–16
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	6.2 × 93.0 × 73.0 mm
Weight	0.030 kg/piece
PU	1 piece
Approvals	cULus in preparation DNV GL in preparation
Standards	EN 60947-5-1

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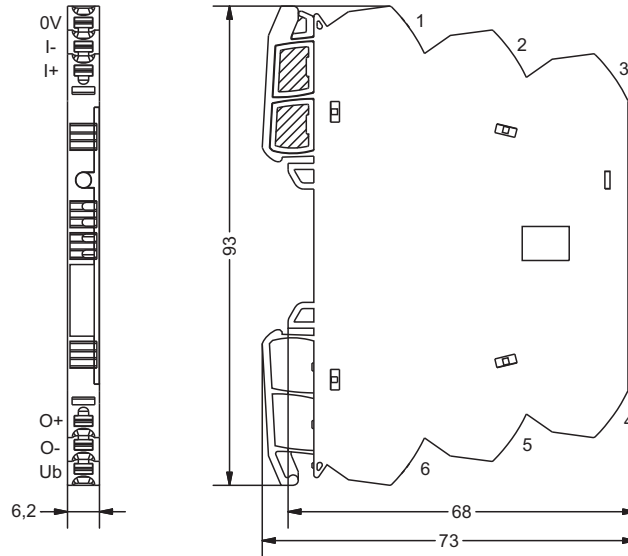
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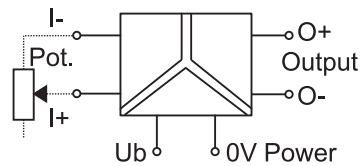


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Dimensions



PIN assignment



Range adjustment

S1	Output
● → Switch On	5 6
0–10V	●
0–20mA	●
4–20mA	● ●

S1	Input
● → Switch On	1 2 3 4
0–6 kΩ	
0–1 kΩ	●

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