



Identification	Type	WAA 7-1550
	Part-No.	751550

Input

Input signal	0–500 mV
Galvanic isolation I/O	3-way isolation
Zero /Span	Production comparison
Transmission frequency	30 Hz at 3 dB
Input characteristic impedance	330 kΩ

Load Side

	0/10 V	0–20 mA	4–20 mA
Max. load impedance at I-output		400 Ω	400 Ω
Max. load impedance at U-output	>1 kΩ		
Load impedance	55 Ω		
Output current	max. 21 mA		
Output signal	adjustable via DIP switch S1		
Ripple	<5 mV _{eff}		

General

Nominal voltage	AC/DC 24 V
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V

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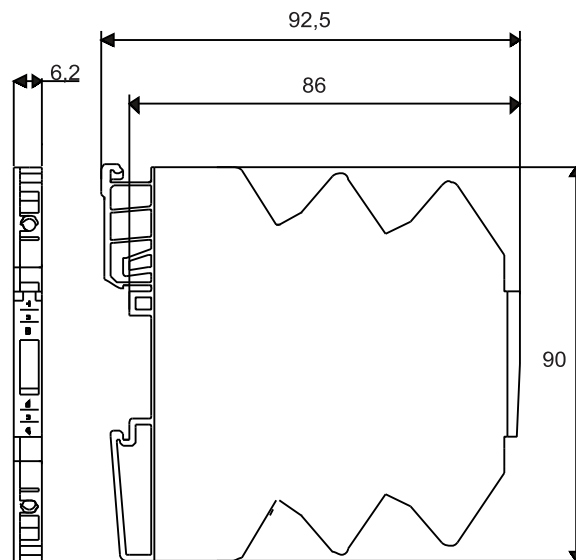
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Technical data sheet - Interface Technology

Rated current	13.0 mA
Status Indication	LED yellow
Input/output protection	Overvoltage AC/DC 30 V, PTC fuse, Output short circuit-proof
Accuracy	0.1 % FSR (23 °C)
Linearity error	0.10 %
Rise time (10 - 90%)	10 ms
Build-up time (Accuracy 1%)	30 ms
Transmission frequency	<30 Hz
Temperature coefficient	<150 ppm / K FSR
Insulation voltage input/output	1.5 kV _{eff}
Housing material	PPE
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation position	Optional
Termination	Spring terminal 0.14–1.5 mm ²
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	6.2×90.0×92.5 mm
Weight (kg/piece)	0.040 kg/piece

Dimensions



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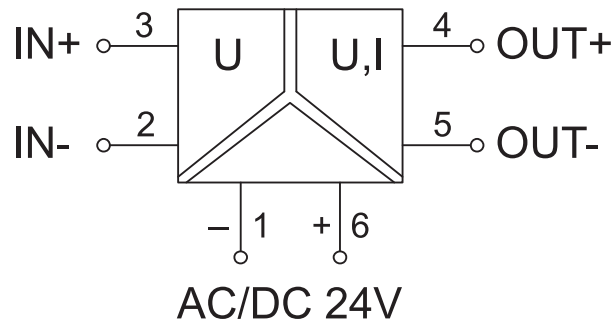
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PIN assignment



Range adjustment

● → Switch On		S1					
Range	Output	1	2	3	4	5	6
0 – 500mV	0-10V						
0 – 500mV	0-20mA		●				
0 – 500mV	4-20mA			●			

Accessories

Accessories	Colour	Article number	Type	PU
Tag holder 4×11 mm	white	681313	BZT 0411	100
Isolation plate		760809	TP 7-0809	5
Labels for laser printer A4 unpunched		681031	LEB - A4	1
Labels for laser printer 4.23 x 11 mm (Sheet with 1056 labels)		681034	LEB 0411	1

Accessories

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
Jumper comb 6A	red	762802	762805	762812	762822	762832	10
Jumper comb 6A	white	762803	762806	762813	762823	762833	10
Jumper comb 6A	blue	762804	762807	762814	762824	762834	10

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