



<b>Identification</b>	Type	WAA 7-0550		
	Part-No.	750550		
<b>Input</b>				
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			
<b>Load Side</b>				
	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>	
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 <sub>eff</sub>			
<b>General</b>				
Nominal voltage	AC/DC 24 V			
Operation voltage range	DC: 16.8–30 V; AC: 19.2–28.8 V			

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Part-No. 750550

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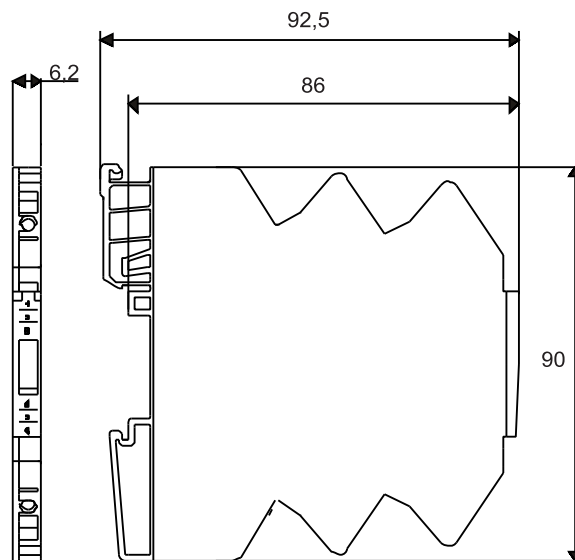


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## Technical data sheet - Interface Technology

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 <sub>eff</sub>
Housing material	PPE
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation position	Optional
Termination	Screw terminal: 0.14–1.5 mm <sup>2</sup>
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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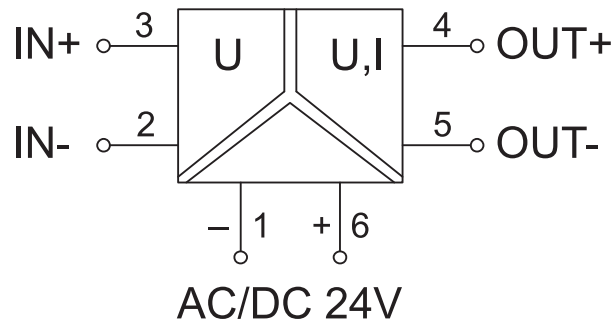
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**PIN assignment**



**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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