



Identification	Type	WNFA 6-0524
	Part-No.	750524

Input

Input signal	0–100, 0–200, 0–250, 0–400, 0–500, 0–750 Hz 0–1, 0–1,5, 0–2, 0–2,5, 0–3, 0–4, 0–5, 0–6, 0–8 kHz 0–10, 0–12, 0–16, 0–20, 0–24, 0–28,8 kHz adjustable via switch
Galvanic insulation I/O	3-way isolation
Frequency signal	AC/DC 0.8–30 V
Input characteristic impedance	50 kΩ
Hysteresis	0.5 V _{ss} / 5 V _{ss} , can be converted via switch
Pulse width	min. 10 μs

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		
Output current	max. 21 mA		
Output signal	Adjustable via switch		

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Part-No. 750524

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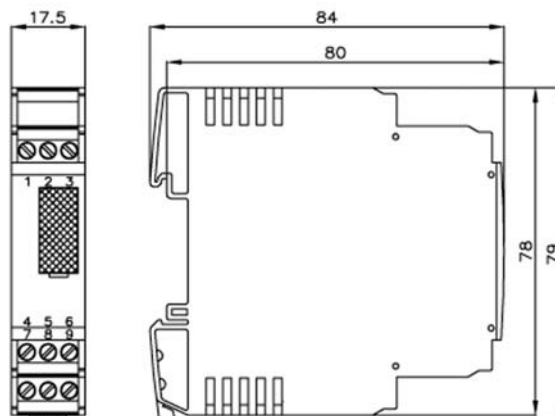
Technical data sheet • Interface Technology

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
Rated current	20.0 mA
Status Indication	LED yellow
Input/output protection	AC/DC 30 V overvoltage, short circuit-proof output
Accuracy	0.1 % FSR (23 °C)
Linearity error	0.02 %
Ripple	approx. 0.1%, range 2...28.8 kHz from 200 Hz
Build-up time (Accuracy 1%)	200 ms
Temperature coefficient	70 ppm / K
Insulation voltage input/output	2.5 kV _{eff}
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 ²
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	17.5 × 79.0 × 84.0 mm
Weight (kg/piece)	0.070 kg/piece

Dimensions



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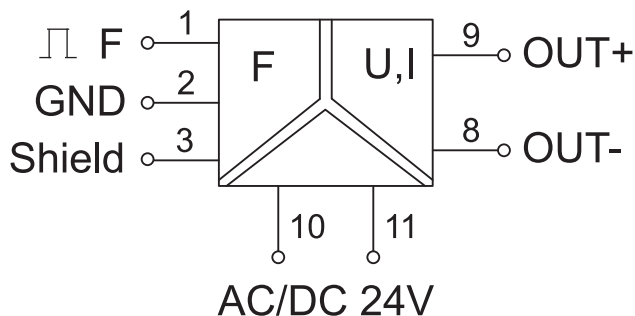
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PIN assignment



Range adjustment

S2 ● → Switch On														
Range*	1	2	3	4	5	6	8	Range*	1	2	3	4	5	6
0 – 100Hz	●	●	●	●				0 – 5kHz	●			●	●	
0 – 200Hz	●	●	●		●	●		0 – 6kHz		●		●	●	
0 – 250Hz	●	●			●	●		0 – 8kHz	●	●		●	●	
0 – 400Hz	●	●	●		●			0 – 10kHz	●			●	●	
0 – 500Hz	●	●			●			0 – 12kHz		●		●	●	
0 – 750Hz		●			●			0 – 16kHz	●	●				
0 – 1kHz	●	●			●			0 – 20kHz	●					
0 – 1.5kHz		●			●			0 – 24kHz		●				
0 – 2kHz	●	●			●	●		0 – 28.8kHz						
0 – 2.5kHz	●				●	●								
0 – 3kHz		●			●	●								
0 – 4kHz	●	●			●	●								
Hysteresis	0.5Vpp							5Vpp						●

*see instruction leaflet

● → Switch On	S1		
Output	1	2	3
0-10V	●		
0-20mA		●	
4-20mA			●

Accessories

Accessories	Color	Article number	Type	PU
Tag holder 7×20 mm	white	760968	BZT-0720	100
Laser printer label 6.35×15.24 mm (sheet with 528 labels)		681033	LEB-0615	1

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