



Identification	Type	WAAA 6-0518
	Part-No.	750518

Input

	0/10 V	0–20 mA	4–20 mA
Input resistance	330 k Ω	100 Ω	100 Ω
Input signal	0–10 V, 0–20 mA, 4–20 mA, adjustable via switch		
Galvanic isolation I/O	2-way isolation		
Zero /Span	Production comparison		
Transmission frequency	30 Hz at 3 dB		

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 k Ω		
Load impedance	55 Ω		
Output current	max. 21 mA		
Output signal	Adjustable via switch		
Ripple	<5 mV _{eff}		

General

20.04.2013 – Subject to technical modification

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USA: LUTZE INC.

13330 South Ridge Drive · Charlotte, NC 28273, USA
 Tel. +1 (704) 504-0222 · Fax +1 (704) 504-0223
 www.lutze.com · info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
 Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU
 Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2
 www.lutze.com · sales.gb@lutze.co.uk

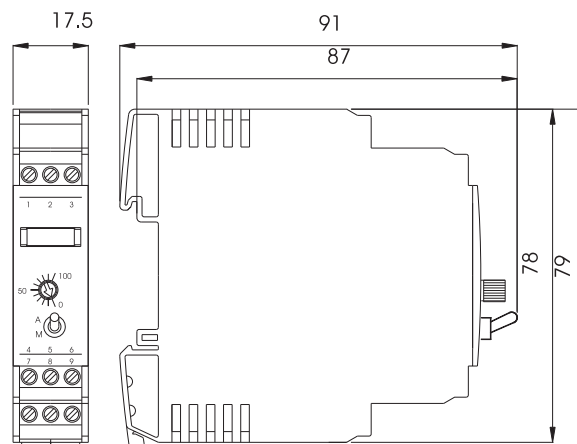


SYSTEMATIC TECHNOLOGY

Technical data sheet - Interface Technology

Nominal voltage	AC/DC 24 V
Operation voltage range	DC: 16,8–30 V, AC: 19,2–28,8 V
Rated current	12.0 mA
Status Indication	LED yellow
Input/output protection	AC/DC 30 V overvoltage, current input with PTC, short circuit-proof output
Accuracy	0.1 % FSR (23 °C)
Linearity error	0.02 %
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	4.0 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
Approvals	cULus, Class I, Div. 2, Groups A, B, C, D T4A

Dimensions



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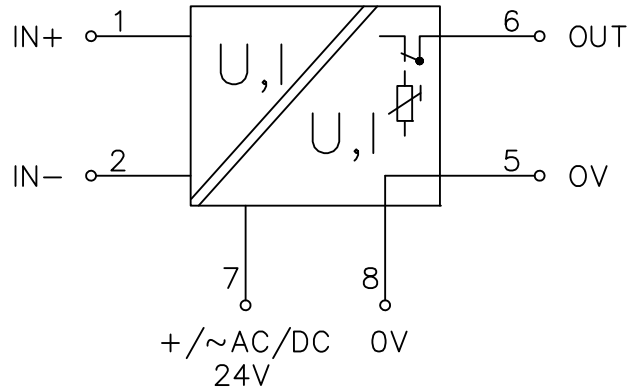
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PIN assignment



Range adjustment

S1		
Input	Output	Pos.
0 - 20mA	0 - 10V	0
0 - 20mA	0 - 20mA	1
0 - 20mA	4 - 20mA	2
4 - 20mA	0 - 10V	3
4 - 20mA	0 - 20mA	4
4 - 20mA	4 - 20mA	5
0 - 10V	0 - 10V	6
0 - 10V	0 - 20mA	7
0 - 10V	4 - 20mA	8

Accessories

Accessories	Colour	Article number	Type	PU
Tag holder 4×11 mm	white	681313	BZT-0411	100
Laser printer label 4.23×15.24 mm (sheet with 792 labels)		681034	LEB-0415	1

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