



<b>Identification</b>	Type	WNAA 6-0910	
	Part-No.	750910	

**Input**

	<b>0/1 V</b>	<b>0/10 V</b>	<b>4–20 mA</b>
Input resistance	330 k $\Omega$	330 k $\Omega$	100 $\Omega$
Input signal	adjustable via DIP switch S1		
Galvanic isolation I/O	3-way isolation		
Zero /Span	Production comparison		
Transmission frequency	30 Hz at 3 dB		

**Load Side**

	<b>0/10 V</b>	<b>0–20 mA</b>	<b>4–20 mA</b>
Max. load impedance at I-output		400 $\Omega$	400 $\Omega$
Max. load impedance at U-output	>1 k $\Omega$		
Load impedance	55 $\Omega$		
Output current	max. 21 mA		
Output signal	adjustable via DIP switch S1		
Ripple	<5 mV <sub>eff</sub>		

**General**

20.04.2013 – Subject to technical modification

Part-No. 750910

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

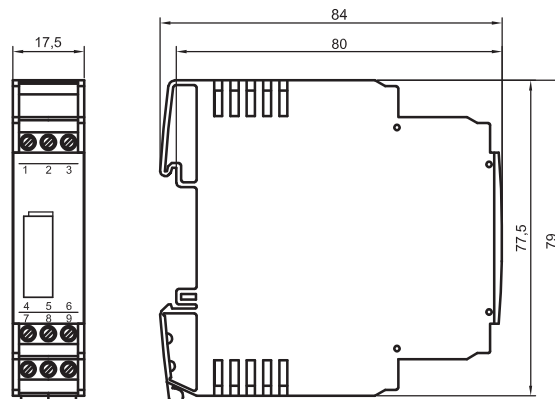


SYSTEMATIC TECHNOLOGY

## Technical data sheet - Interface Technology

Nominal voltage	AC/DC 24–240 V
Operation voltage range	DC: 16.8–264 V; AC: 19.2–264 V
Rated current	12.0 mA
Status Indication	LED yellow
Input/output protection	Overvoltage AC/DC 30 V; Current input with PTC, Output short circuit-proof
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 <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)	6.2×79.0×84.0 mm
Weight (kg/piece)	0.070 kg/piece
Approvals	cULus

### Dimensions



20.04.2013 – Subject to technical modification

Part-No. 750910

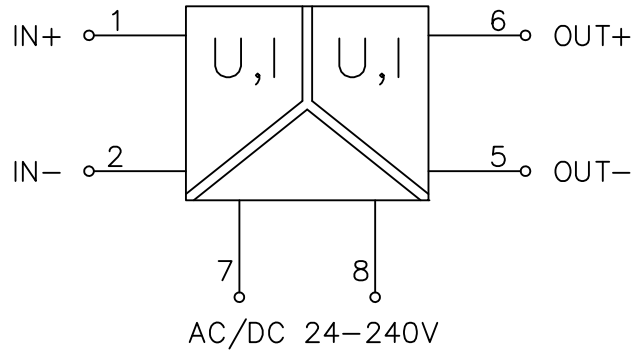
USA: LUTZE INC.

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

**PIN assignment**



**Range adjustment**

S1		
Input	Output	Pos.
0 - 1V	0 - 10V	0
0 - 1V	0 - 20mA	1
0 - 1V	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
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
marker holder	white	681311	BZT 0720	100
Labels for laser printer A4 unpunched		681031	LEB - A4	1
Labels for laser printer 6,35 x 15,24mm (Sheet with 528 labels)		681033	LEB 0615	1

20.04.2013 – Subject to technical modification

Part-No. 750910

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