



<b>Identification</b>	Type	LCIS-WUAA-0516-175-S
	Part-No.	750516.0000

**Input**

Input signal	<b>mV, V</b>	<b>mA</b>
	0–60, 0–100, 0–300, 0–500 mV 0–1, 0–2, 0–5, 0–10, 0–20, 2–10 V adjustable via DIP switch S1	0–5, 0–10, 0–20, 4–20, ±5, ±20 mA adjustable via DIP switch S1
Input resistance	>330 kΩ	<100 Ω
Galvanic insulation 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		500 Ω	500 Ω
Min. load impedance at U-output	2 kΩ		
Output current	max. 5 mA		
Output voltage	–	max. 18 V	max. 18 V

02.04.2016 – Subject to technical modification

Part-No. 750516.0000

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: LUTZE 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



## Technical data sheet • Interface Technology

---

Output signal	Adjustable via switch
Load deviation	at U-output max. 5 mV at 2 k
Ripple	<20 mV <sub>eff</sub>

---

### General

---

Nominal voltage	AC/DC 24 V
Operation voltage range	DC: 19.2–26.4 V, AC: 19.2–26.4 V
Current Consumption per LED	at AC 24V: 19 mA (station supply)
Status Indication	LED green
Input/output protection	Overvoltage AC/DC 26.4 V, PTC fuse, Output short circuit-proof
Accuracy	0.1 % FSR (23 °C)
Linearity error	0,05 % FSR
Rise time (10 - 90%)	6 ms
Build-up time (Accuracy 1%)	17 ms
Transmission frequency	30 Hz at 3 dB
Temperature coefficient	<150 ppm / K FSR
Insulation voltage input/output	2.5 kV <sub>eff</sub>
Housing material	PA 6.6 (UL 94 V-0) / NFF I2 F2
Field installation	rail TS 35 (EN 60175)
Protection class	IP 20
Installation position	Optional
Termination	Screw terminal: solid 0.25 – 2.5 mm <sup>2</sup> / AWG 20 – 14 fine stranded with ferrule 0.25 – 1.5 mm <sup>2</sup> / AWG 20 – 16 Stripping length: 6 mm Screw driver: 3.5 x 0.5 mm
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	17.5 × 93.0 × 73.0 mm
Weight (kg/piece)	0.059 kg/piece
Approvals	UL, CSA, GL in preparation

02.04.2016 – Subject to technical modification

Part-No. 750516.0000

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: LUTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

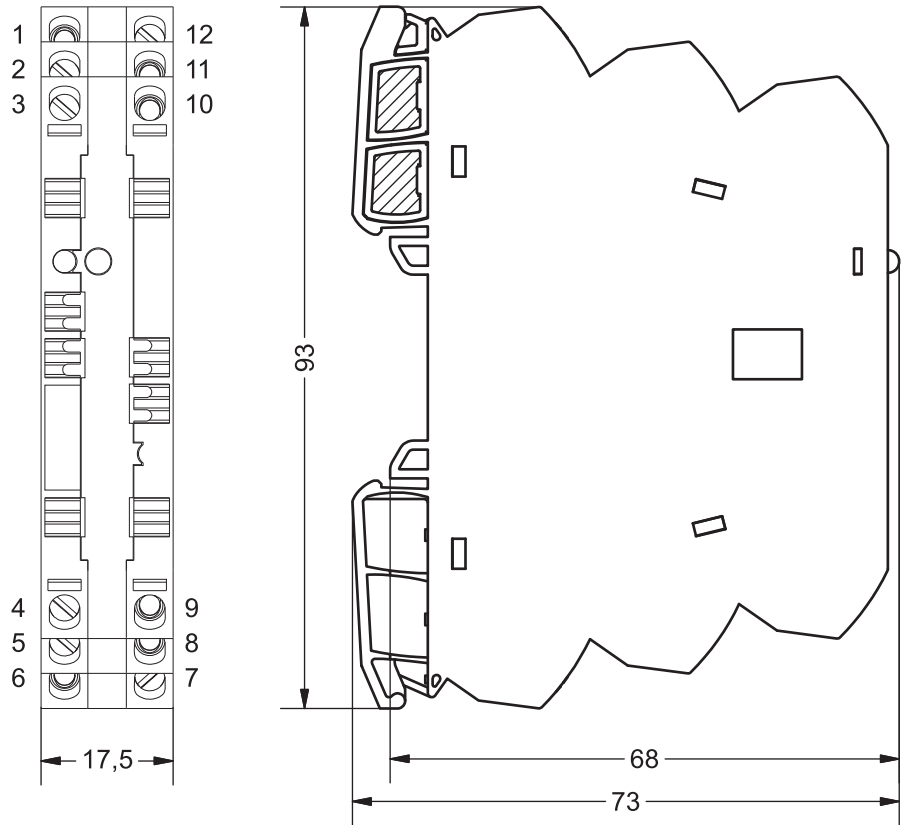
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk

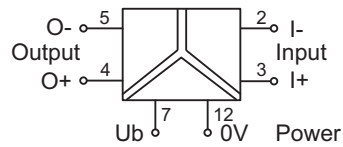


SYSTEMATIC TECHNOLOGY

**Dimensions**



**PIN assignment**



02.04.2016 – Subject to technical modification

Part-No. 750516.0000

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: LUTZE 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

# Technical data sheet • Interface Technology

## Range adjustment

S1 ●→Switch On	Input			
	1	2	3	4
0-60 mV				
0-100 mV	●			
0-300 mV		●		
0-500 mV	●	●		
0-1 V			●	
0-2 V	●		●	
0-5 V		●	●	
0-10 V*	●	●	●	
2-10 V				●
0-20 V	●			●
0-5 mA		●	●	
0-10 mA	●	●	●	
±5 mA			●	●
±20 mA	●		●	●
0-20 mA		●	●	●
4-20 mA	●	●	●	●

S1 ●→Switch On	Output	
	5	6
0-10 V*	●	
0-20 mA		●
4-20 mA	●	●

Delivery condition: All switches set to zero.

\*Default

## Logo



## Accessories

Accessories	Color	Article number	Type	PU
Tag holder (quantity 200)	white (5×5 mm)	780981.000.2	LCOS-ZB-BZS-white-00	1
Tag holder (quantity 200)	red (5×5 mm)	780982.000.2	LCOS-ZB-BZS-red-00	1
Tag holder (quantity 200)	blue (5×5 mm)	780983.000.2	LCOS-ZB-BZS-blue-00	1
Tag holder (quantity 120)	white (12×6 mm)	780985.000.2	LCOS-ZB-BZS-white-12/6	1

02.04.2016 – Subject to technical modification

Part-No. 750516.0000

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: LUTZE 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