



Identification	Type	WPT 7-0806
	Part-No.	750806
Input		
Measurement input	PT100, 2-wire, offset correction	
Galvanic isolation I/O	2-way isolation	
Temperature range	0 – 150 °C	
Transmission frequency	10 Hz	
Input resistance	1 MΩ	
Sensor current	0.5 mA	
Zero /Span	Production comparison	
Load Side		
Output signal	4–20 mA	
Max. load impedance at I-output	Rs= Load resistance, Us= Input terminal voltage at the power supply	
Ripple	<5 mV _{eff}	
General		
Nominal voltage	looped supply	
Operation voltage range	Us _{min} = 14 V + 20 mA x RS; Us _{max} = 28 V + 20 mA x RS	
Input/output protection	Overvoltage AC/DC 30 V, Output short circuit-proof	
Accuracy	0.3 % FSR	
Linearity error	0.1 % FSR	

20.04.2013 – Subject to technical modification

Part-No. 750806

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.

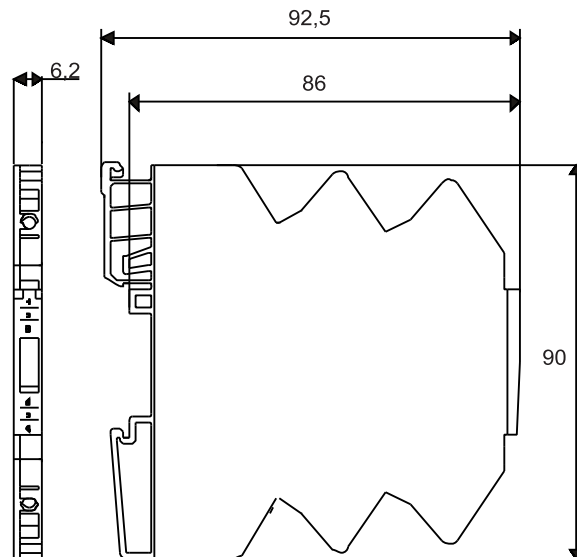
Unit 3, Sandy Hill Park
 Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU
 Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2
 www.lutze.com · sales.gb@lutze.co.uk



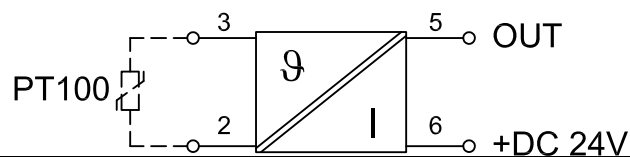
Technical data sheet - Interface Technology

Rise time (10 - 90%)	30 ms
Build-up time (Accuracy 1%)	19 ms
Error coefficient of measuring line	2.7 K/Ω
Temperature coefficient	150 ppm / K FSR
Insulation voltage input/output	1.5 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)	6.2×90.0×92.5 mm
Weight (kg/piece)	0.040 kg/piece
Approvals	cULus
Standards	EN 60721-3-3, EN 55011, EN 61000-4-2/6, EN 50178, contamination level 2, Over voltage category III
PU	1

Dimensions



PIN assignment



Accessories

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SYSTEMATIC TECHNOLOGY

Technical data sheet - Interface Technology

Accessories	Colour	Article number	Type	PU
Marker holder 4 x 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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