



| | | |
|-----------------------|----------|------------|
| Identification | Type | WPT 7-0860 |
| | Part-No. | 750860 |

Input

| | |
|------------------------|--|
| Measurement input | Type K (NiCrNi) with DIN / IEC 584-1 |
| Galvanic isolation I/O | 3-way isolation |
| Temperature range | Settings according to customer order. : -50°C...+1200°C.Please specify temperature range when ordering. Please observe: Smallest temperature span 200°C. |
| Transmission frequency | 10 Hz |
| Input resistance | 330 kΩ |
| Zero /Span | Production comparison |

Load Side

| | 750861/751861 | 750860/751860 |
|---------------------------------|----------------------|----------------------|
| Output signal | 0 – 10 V | 4–20 mA |
| Max. load impedance at I-output | | 400 Ω |
| Max. load impedance at U-output | >1 kΩ | |
| Load impedance | 55 Ω | – |
| Output current | max. 21 mA | – |
| Output signal | 4–20 mA | |
| Max. load impedance at I-output | 400 Ω | |
| Ripple | <5 mV _{eff} | |

20.04.2013 – Subject to technical modification

Part-No. 750860

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

General

| | 750861/751861 | 750860/751860 |
|---------------------------------|--|----------------------|
| Output signal | 0 – 10 V | 4–20 mA |
| Max. load impedance at I-output | | 400 Ω |
| Max. load impedance at U-output | >1 kΩ | |
| Load impedance | 55 Ω | |
| Output current | max. 21 mA | |
| Nominal voltage | AC/DC 24 V; 4–20 mA | |
| Nominal voltage | AC/DC 24 V | |
| Operation voltage range | DC: 16.8–30 V; AC: 19.2–28.8 V | |
| Rated current | 13.0 mA | |
| Status Indication | LED yellow; blinks for wire break and output goes to a saturated state. | |
| Input/output protection | Overvoltage AC/DC 30 V, Output short circuit-proof | |
| Accuracy | 0.5 % + 2 K FSR | |
| Linearity error | 0.1 % FSR, thermoelectrical potential linear | |
| Rise time (10 - 90%) | 30 ms | |
| Build-up time (Accuracy 1%) | 60 ms | |
| 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: 0.14–2.5 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 | |

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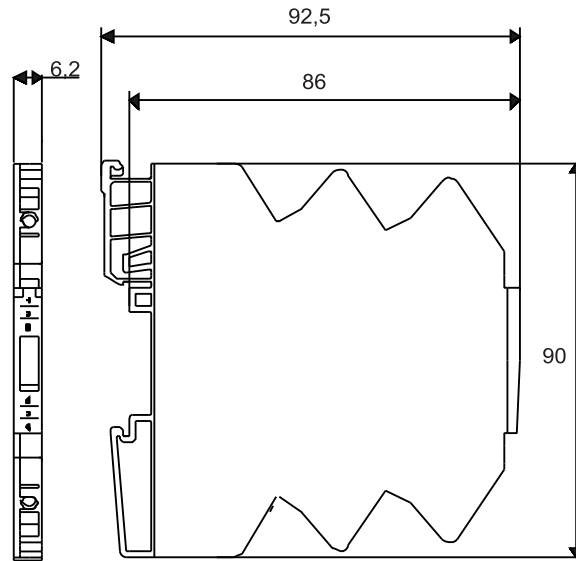
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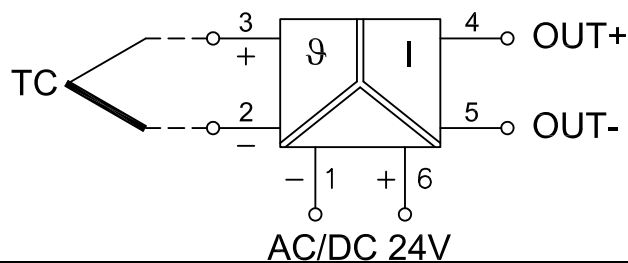


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



Accessories

| Accessories | Colour | Article number | Type | PU |
|---|--------|----------------|-----------|-----|
| Tag holder 4×11 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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