



| | | |
|---------------------------------|--|------------|
| Identification | Type | WPT 7-1806 |
| | Part-No. | 751806 |
| 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. 751806

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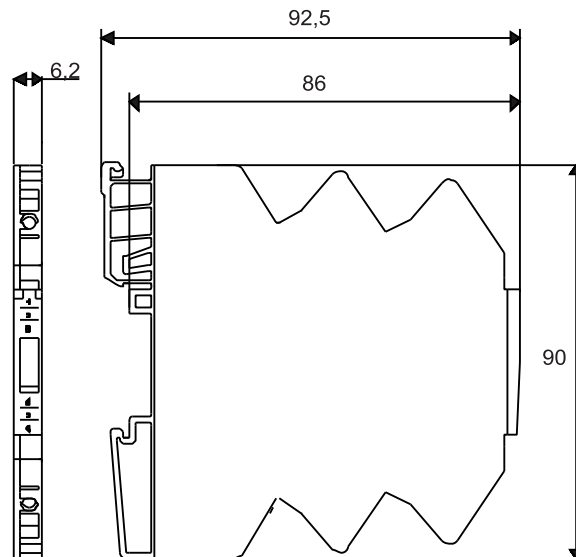
United Kingdom: LÜTZE Ltd.

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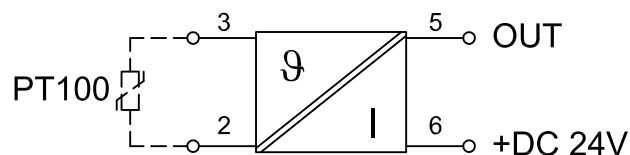
Technical data sheet - Interface Technology

| | |
|-------------------------------------|--|
| 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 | Spring 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) | 0.030 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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