



|                       |          |             |
|-----------------------|----------|-------------|
| <b>Identification</b> | Type     | WPOA 7-0058 |
|                       | Part-No. | 750558      |

## Input

|                                |  |
|--------------------------------|--|
| Input signal                   | Potentiometer 0–6 k $\Omega$ , 2-conductor |
| Galvanic insulation I/O        | 3-way isolation                            |
| Zero /Span                     | Production comparison                      |
| Transmission frequency         | 10 Hz at 3 dB                              |
| Input characteristic impedance | 1 M $\Omega$                               |

## Load Side

|                                 | 0/10 V                | 0–20 mA      | 4–20 mA      |
|---------------------------------|-----------------------|--------------|--------------|
| 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 switch |              |              |
| Max. load impedance at I-output | 400 $\Omega$          |              |              |
| Max. load impedance at U-output | >1 k $\Omega$         |              |              |
| Load impedance                  | 55 $\Omega$           |              |              |
| Output current                  | max. 21 mA            |              |              |

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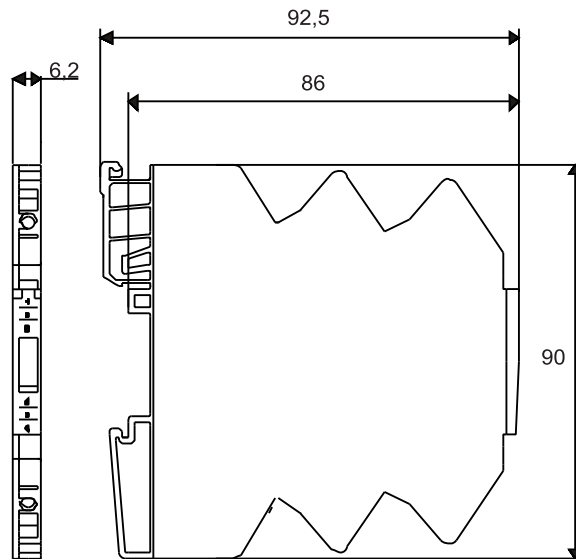
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Ripple <5 mV<sub>eff</sub>

### General

|                                 |   |
|---------------------------------|---|
| 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 flashes in the event of wire breakage and output will saturate. |
| Input/output protection         | Overvoltage AC/DC 30 V, Output short circuit-proof                  |
| Accuracy                        | 0.3 % FSR (23 °C)   |
| Linearity error                 | 0.10 %  |
| 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 <sub>eff</sub>   |
| Housing material                | PA 6.6 (UL 94 V-0)  |
| 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 × 90.0 × 92.5 mm  |
| Weight (kg/piece)               | 0.040 kg/piece  |

### Dimensions



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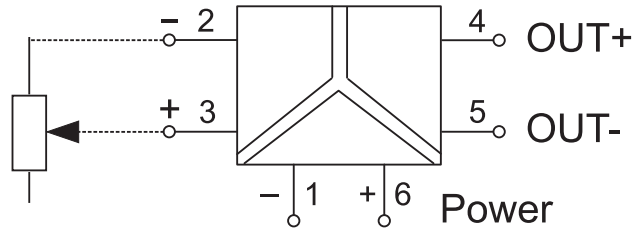
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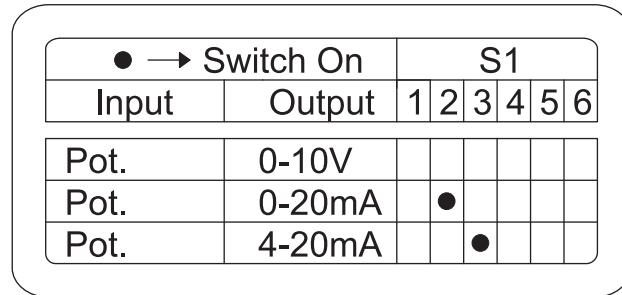
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## PIN assignment



## Range adjustment



## Accessories

| Accessories        | Color | Article number | Type     | PU  |
|--------------------|-------|----------------|----------|-----|
| Tag holder 4×11 mm | white | 681313         | BZT-0411 | 100 |

## Accessories

| Accessories     | Color | 2-pole | 3-pole | 4-pole | 8-pole | 16-pole | PU |
|-----------------|-------|--------|--------|--------|--------|---------|----|
| 6 A jumper comb | red   | 762802 | 762805 | 762812 | 762822 | 762832  | 10 |
| 6 A jumper comb | white | 762803 | 762806 | 762813 | 762823 | 762833  | 10 |
| 6 A jumper comb | blue  | 762804 | 762807 | 762814 | 762824 | 762834  | 10 |

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