

# T LINE CURRENT TRANSFORMERS

## T201

AC Current transformer with 4-20mA current loop output



Current Input selectable as monopolar or bipolar through Dip-Switches

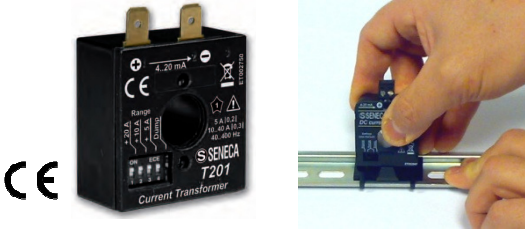
- High precision (0,2%)
- Configurable input from 5 to 40 Adc
- Dip switches configuration
- Output 4..20 mA (loop powered)
- Compact size: 38 x 40 x 20 mm (Ø 12,5 mm)



➔ For further information go to <http://www.seneca.it>

# T201

## Current transformer with 4-20mA current loop output



### ORDER CODE

**Code** T201 AC Current transformer with 4-20mA current loop output

## TECHNICAL SPECIFICATIONS

### GENERAL FEATURES

|                              |  |
|------------------------------|--|
| <b>Accuracy class</b>        | 0.2  |
| <b>Max error</b>             | 0.2% o.m + 0,1% o.f.s.                               |
| <b>Coeff. temperatura</b>    | < 150 ppm/K  |
| <b>EMI error</b>             | < 50 $\mu$ A   |
| <b>Response time</b>         | 100 ms (without filter)<br>2,5 s (with filter)       |
| <b>Protection degree</b>     | IP 20  |
| <b>Operating temperature</b> | -20..+65°C   |
| <b>Humidity</b>              | 10..90% non condensing                               |
| <b>Weight</b>                | 47 g   |
| <b>Dimensions</b>            | 38 x 40 x 20 mm                                      |
| <b>Enclosure</b>             | PBT, black   |
| <b>Configuration</b>         | DIP-switches (range, filter)                         |
| <b>Mouting</b>               | DIN rail guide                                       |
| <b>Norms</b>                 | CE, EN 61000-6-4, EN 64000-6-2, EN 61010-1, EN 60742 |

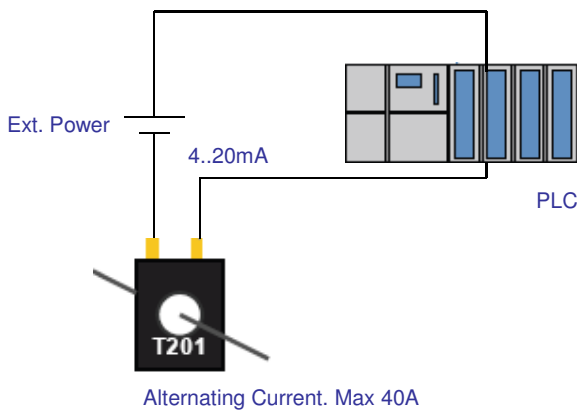
### INPUT

|                         |  |
|-------------------------|--|
| <b>Connetion</b>        | Passing- through hole  |
| <b>Hole diameter</b>    | 12,5mm, 1/2 "  |
| <b>Range</b>            | Monopolar: 0..5 / 0..10 / 0..15 / 0..20 / 0..25 / 0..30 / 0..35 / 0..40 A            |
| <b>Maximun rating</b>   | < 800 A  |
| <b>Self consumption</b> | < 50 mW  |
| <b>Isolation</b>        | Overvoltage measurement class: CAT III 300 V towards earth, with an insulated wire . |

### OUTPUT / POWER SUPPLY

|                          |  |
|--------------------------|--|
| <b>Type</b>              | Passive current loop 4..20 mA  |
| <b>Terminals</b>         | FastonTerminals (6,3mmx 0,8 mm).   |
| <b>Power supply</b>      | 5..28V   |
| <b>Other protections</b> | Polarity reversal.<br>Loop current limiting on hardware fault.<br>Over-temperature |

## TYPICAL APPLICATION



## ELECTRICAL CONNECTION

