# XC 宁波星成电子有限公司

Ningbo Xingcheng Electronic Co.,Ltd.

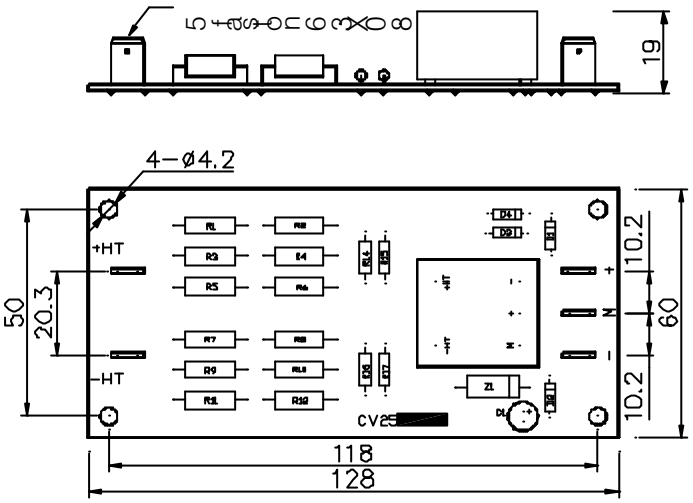
# Voltage Transducer CV25-50..600V

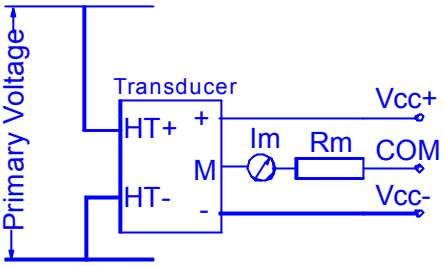
For the electronic measurement of voltages : DC, AC, pulsed..., with a galvanic isolation between the primary circuit (high voltage) and the secondary circuit (electronic circuit).

## Performance data

| | | | | |
|---|---|---|---|---|
| Primary nominal r.m.s. voltage | | 50..600 | | V |
| Primary voltage, measuring range | | 1.5$V_{PN}$ | | |
| Measuring resistance | | $R_{Mmin}$ | $R_{Mmin}$ | |
| With±12V | | 30 | 100 | Ω |
| With±15V | | 100 | 190 | Ω |
| Secondary nominal r.m.s. current | | 25 | | mA |
| Supply voltage (± 5 %) | | ±12..±15 | | V |
| Current consumption | | 10(@±15V) +Is | | mA |
| R.m.s. voltage for AC isolation test | | 4100 | | V/ 50Hz/1 mn |
| Accuracy @$V_{PN}$, $T_A$=25℃ | | ±0.8% | | |
| Linearity | | ±0.2% | | |
| Offset current @ $T_A$=25℃, $V_P$=0 | | ±0.15 | | mA |
| Thermal drift @0℃..+70℃ | | ±0.35 | | mA |
| Response time @ 90 % of $V_{PN}$ | <15 | | | μS |
| Ambient operating temperature | | -40..+85 | | ℃ |
| Ambient storage temperature | | -45..+90 | | ℃ |
| Primary resistance @ $T_A$=70℃ | | 250 | | Ω |
| Secondary coil resistance @ $T_A$=70℃ | | 110 | | Ω |
| Mass | | 60 | | g |

## Dimensions & connections





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