

## Voltage Transducer CV200-200..6400V/SP3

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 voltage              | $\pm 200 \sim \pm 6400$                                  | V                |
| Primary voltage, measuring range     | $\pm 1.5U_N$ , 30min/h                                   | V                |
| Secondary nominal r.m.s. current     | 80                                                       | mA               |
| Supply voltage                       | $\pm 24 \pm 10\%$                                        | V                |
| Current consumption                  | $35 + I_s$                                               | mA               |
| R.m.s. voltage for AC isolation test | 6~12                                                     | kV/ 50Hz/1 mn    |
| Accuracy                             | $\pm 1\%$ ( $-25^\circ\text{C} \sim +70^\circ\text{C}$ ) |                  |
| Linearity                            | $\pm 0.1\%$ ( $25^\circ\text{C} \pm 10^\circ\text{C}$ )  |                  |
| Offset current                       | $\pm 0.5$                                                | mA               |
| Response time @ 90 % of $V_{PN}$     | $\leq 30 \sim 500$                                       | $\mu\text{S}$    |
| Ambient operating temperature        | $-25 \sim +70$                                           | $^\circ\text{C}$ |
| Ambient storage temperature          | $-45 \sim +85$                                           | $^\circ\text{C}$ |
| Mass                                 | 2000                                                     | g                |



### Dimensions & connections

