



## CVE-A

CVE-A, Transducer Vac.

Code: M25011.

- > Output type: 2
- > Analog output: 4...20mA
- > Measure: 300 Vac
- > Paramètre: V ~

## Description

The **CVE-A** and **CVE-AP** transducers, convert A.C voltage to D.C process indicator signal.

The analog output is directly proportional to the input signal, calibrated as a RMS with sinus signal of 50Hz.



# CVE-A

Narrow section AC Voltage transducer

Code: M25011.

## Specifications

### AC power supply

|                 |                             |
|-----------------|-----------------------------|
| Consumption     | 2,5 VA                      |
| Frequency       | 40...90 Hz                  |
| Nominal voltage | 115 / 230 Vca (-10...+10 %) |

### DC power supply

|                 |                                     |
|-----------------|-------------------------------------|
| Consumption     | 2,5 VA                              |
| Nominal voltage | 9-18 / 18-36 Vdc 36-72 / 90-140 Vdc |

### Mechanical characteristics

|                                  |                    |
|----------------------------------|--------------------|
| Size (mm) width x height x depth | 20 x 70 x 110 (mm) |
| Weight (kg)                      | 0,06               |

### Environmental characteristics

|                     |                                |
|---------------------|--------------------------------|
| Protection class    | IP 20 (Terminals) IP 40 (case) |
| Storage temperature | -40....+70 °C                  |
| Working temperature | -10...+60 °C                   |

### Voltage measurement circuit

|                                       |              |
|---------------------------------------|--------------|
| Consumption                           | 0,2 VA       |
| Frequency measuring range             | 45 / 65 Hz   |
| Voltage measuring range               | 5...120 % Vn |
| Nominal voltage                       | 0...660 V    |
| Maximum permanent measurement voltage | 1000 V       |

### Standards


|                                       |   |
|---------------------------------------|---|
| Electrical safety, Maximum height (m) | 2000  |
| Standards                             | IEC 529, IEC 688, IEC 801, EN 50081-1, EN 50082-1, IEC 1010 |

### Analogue inputs

|                              |                        |
|------------------------------|------------------------|
| Load impedance in current    | < 500 Ω                |
| Ripple (effective RMS value) | < 2 %                  |
| Load impedance in voltage    | > 500 Ω                |
| Response time                | < 300 ms (0...99 % Vn) |

### Analogue outputs

|                                    |                                  |
|------------------------------------|----------------------------------|
| Current mode, nominal range        | 0...10, 20 mAac                  |
| Displaced output                   | 0,2...2 V / 2...10 V / 4...20 mA |
| Voltage mode: nominal output range | 0...5, 10 Vac                    |



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Measurement accuracy

|                           |          |
|---------------------------|----------|
| Phase current measurement | 0,5 % FS |
|---------------------------|----------|

CVE  
Narrow section AC Voltage transducer

| CODE                  | TYPE  | Output type | Analog output | System | Measure | Paramètre |
|-----------------------|-------|-------------|---------------|--------|---------|-----------|
| AC Voltage transducer |       |             |               |        |         |           |
| M25011.               | CVE-A | 2           | 4...20mA      | -      | 300 Vac | V ~       |

Specify ACCORDING TO THE CODE TABLE: 1. Code/ 2. Input range / 3. Output range / 4. Auxiliary power supply / 5. Specify the network voltage for CFE-AP. xxx-AP types external auxiliary supply not required. 4...20 mA output not possible.  
For other values, see coding table on following pages

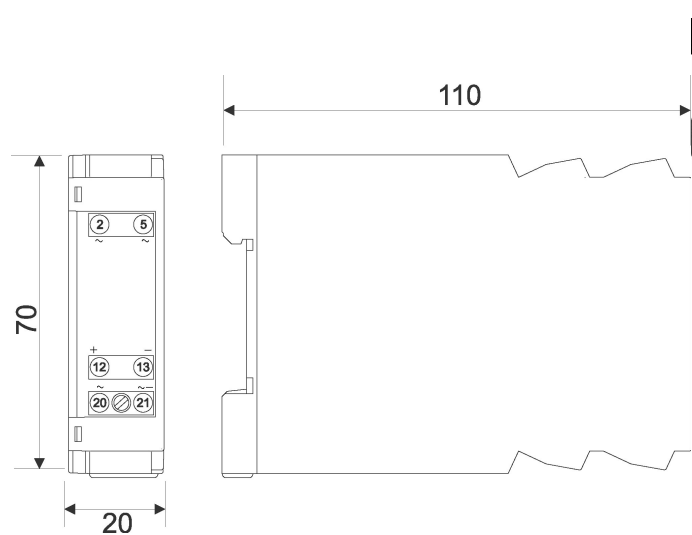


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### Dimensions



### Connections

