





CF Out1, Transducer Hz

Code: M25531. DESCATALOGADO

> Output type: 1

> Analog output: 0...20mA

> Measure: 45 ... 55 Hz (60 ... 660 Vac)

Description

The **CF** transducers, convert input frequency to D.C process indicator signal.

The analog output is directly proportional to the input frequency signal.







Frequency transducer

Code: M25531.

Specifications

| AC power supply, insulation | | | |
|---------------------------------------|-------------------------------------|--|--|
| Pulse test (kV) | 4 kV (1,2/50μs) | | |
| Test voltage (kV) | 3 kV RMS 50 Hz 1min | | |
| AC power supply | | | |
| Consumption | 2,5 VA | | |
| Frequency | 4090 Hz | | |
| Nominal voltage | 24/115/230/400 Vca (-15+20 %) | | |
| DC power supply, insulation | | | |
| Pulse test (kV) | 3 kV (1,2/50µs) | | |
| Test voltage (kV) | 2 kV RMS 50Hz 1 min | | |
| 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 | 40 x 72 x 110 (mm) | | |
| Weight (kg) | 0,31 | | |
| Environmental characteristics | | | |
| Protection class | IP 20 (Terminals) IP 40 (case) | | |
| Storage temperature | -40+70 °C | | |
| Working temperature | -10+55 °C | | |
| Voltage measurement circuit | | | |
| Input impedance | 3000 Ω/V | | |
| Voltage measuring range | 0150 % Vn | | |
| Nominal voltage | 10150 V / 30300 V / 60600 V | | |
| Maximum permanent measurement voltage | 1000 V | | |
| Standards | | | |
| Electrical safety, Maximum height (m) | 2000 | | |
| Standards | IEC 529, IEC 688, IEC 1010 | | |
| Analogue inputs | | | |
| Load impedance in current | < 500 Ω | | |
| Ripple (effective RMS value) | < 0,5 % | | |







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Response time < 500 ms (0...99 % Vn)

Analogue outputs

| Current mode, nominal range | 010, 20 mAac |
|------------------------------------|-------------------------|
| Displaced output | 0,22 V / 210 V / 420 mA |
| Voltage mode: nominal output range | 05, 10 Vac |

Measurement accuracy

| Phase current measurement | 0,2 % FS | |
|---------------------------|----------|--|

Indicate: Zero value, fullscale and type of output.

For other values, see coding table on following pages









Frequency transducer

Frequency transducers

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Dimensions Connections





