



CPF-M Out2

CPF-M Sal.2

Code: M25312. DESCATALOGADO

- > Transducer FP
- > Output type: 2
- > Analog output: 4...20mA
- > System: Single-phase

Description

The CPF transducers measure power factor single phase.

The analog output is directly proportional to the measurement signal, 0...20 mA or 4...20 mA. The analog output can be bidirectional.



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Power factor transducer

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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	40...90 Hz
Nominal voltage	24/115/230/400 Vca (-15...+20 %)

Mechanical characteristics

Size (mm) width x height x depth	95 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

Current measurement circuit

Nominal current (In)	5A
Phase current measurement	0,5...6 In
Allowable overload	300 % In permanent

Voltage measurement circuit

Consumption	0,2 VA
Frequency measuring range	45...65 Hz
Voltage measuring range	10...150 % Vn
Nominal voltage	500 Vca
Maximum permanent measurement voltage	1000 V

Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010

Analogue inputs

Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %
Response time	< 500 ms (0...99 % Vn)



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Analogue outputs

Current mode, nominal range	0...20 mAac / 4...20 mAac
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Measurement accuracy

Phase current measurement	0,5 % FS
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Dimensions

