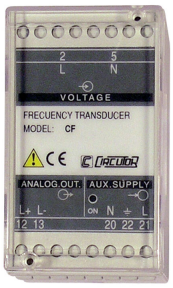


CPF-M Out2

CPF-M Sal.2

Code: M25312. **DESCATALOGADO**

> Transducer FP

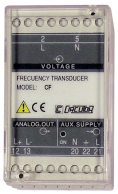
> Output type: 2

> 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.



CPF-M Out2

Power factor transducer

Code: M25312.

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 %)

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	95 x 72 x 110 (mm)
Weight (kg)	0,31

Environmental characteristics

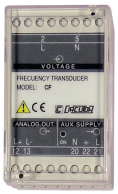
Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+55 °C

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



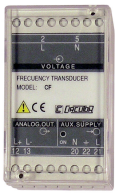
CPF-M Out2

Power factor transducer

Code: M25312.

Standards

Electrical safety, Maximum height (m)	2000



CPF-M Out2

Power factor transducer

Code: M25312.

Standards	IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010

Analogue inputs

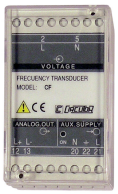
Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %
Response time	< 500 ms (0...99 % Vn)

Analogue outputs

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

Measurement accuracy

Phase current measurement	0,5 % FS



CPF-M Out2

Power factor transducer

Code: M25312.

Dimensions