

Cosø transducer





### **CCOS-TE Out2**

CCOS-TE Sal.2

Code: M25352. DESCATALOGADO

> Transducer FP

> Output type: 2

> Analog output: 4...20mA

> System: Balanced three-phase (3 wires)

#### Description

The  ${\hbox{\it CCOS}}$  transducers measure  ${\hbox{\it cos}}\phi$  single-phase system.

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







Cosinus  $\phi$  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	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	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	0150 % In
Allowable overload	300 % In permanent
Voltage measurement circuit	
Consumption	0,2 VA
Frequency measuring range	4565 Hz
Voltage measuring range	0150 % Vn
Nominal voltage	500 Vca
Maximum permanent measurement voltage	1000 V









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Standards

Electrical safety, Maximum height (m)

2000









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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 (099 % Vn)
Analogue outputs	
Current mode, nominal range	020 mAac / 420 mAac
Measurement accuracy	
Phase current measurement	0,5 % FS







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#### **Dimensions**



