

**DEIF A/S****Type certificate**

4124030054A

Type:	EC-1
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**Technical specifications**

Operating temperature:	-25...70°C
Storage temperature:	-40...70°C
* Measuring Voltage:	50V AC to 550V AC Load 1.5MΩ
* Measuring frequency:	30...70Hz
* Auxiliary supply	5-36V DC continuously max. 8W consumption
* Binary input:	Optocoupler, bi-directional Input voltage 8...36V DC
* Relay outputs:	30V AC, 2A / 30V DC, 2A 30V AC, 8A / 30V DC, 8A (Unit status output: 24V DC, 1A)
* Analogue inputs:	VDO: resistor input, internal 4V DC supply Current: 4...20mA, Impedance 50Ω not galvanically separated
* Galvanic. Separation:	Between AC voltage, AC current and other I/O's: 3250V AC, 50 Hz, 1 min. Between analogue inputs, low voltage relays and communication port : 1100V DC, 1 min.

**Type test specifications****Tested according to:**

Accuracy:	Class 2.0	IEC688
Climate:	Class HSE	DIN 40040
Safety:	Installation Cat. III, 600V. Pollution degree 2	EN 61010-1
EMC:		EN 61000 1 / 2 / 3 / 4
Protection:	Front: IP52 (IP54 with gasket: option L) Terminals: IP20	IEC/EN 60529

\*) Tested on all units according to specifications. Remaining specifications are tested regularly by test sampling

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