

transducer

TRUE RMS



general technical data

The transducer is a device that measures a given electrical parameter which is then through electronic circuitry, converted to a DC signal, which is directly proportional to the input, to allow remote indication without loss of accuracy.

Our range of transducers, having a galvanic separation between input and output, has been developed to high specification giving the user, confidence with the accuracy and linearity over a wide range of measures parameters. Having low power consumption while being unaffected by any changes in temperature, vibration or load ensures this range is suitable for many applications in the power monitoring and distributions fields.

Our transducers have been designed with the ever-changing needs of the market in mind. Each item has incorporated the ability to select any of the recognized outputs of both DC mA and DC V by simple and easy selection of minidip keys located under a removable section of the upper case wall. Standards EN61010-1; EN60688; EN61000-6-4; EN61000-6-2

operating temperature 0 °C bis +55°C

accuracy class 0,5

resistive load 600Ω

response time < 300ms

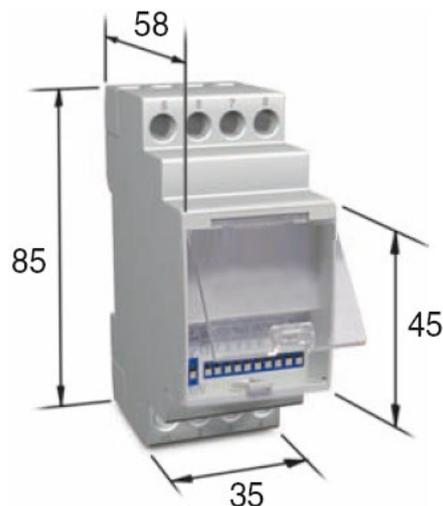
power supply 230V AC | 110V AC | 24V AC -P1 = 22..36V AC / 19..70V DC -P2 = 44..130V AC / 70..240V DC

mounting position any

standards EN61010-1; EN60688; EN61000-6-4; EN61000-6-2

case plastic– 2 DIN-modules 35mm

dimensions





Type	1COR2A current	1COR2V voltage	1COR2F frequency
input	AC: 0-1A 0- 5A DC: 0-5A 0-10A DC: 60mV	AC or DC: 0-500V 0-100V 0-110V 0-100V/V3 0-110V/V3	45...55Hz 45...65Hz
output	1mA 5 mA 10mA 20mA 4-20mA 1V 5V 10V ±1mA ±5 mA ±10mA ±20mA 4mA(-)..12mA(0) ...20mA(+) ±1V ±5V ± 10V		
minidip key	Selectabel Output 		
connection	<p>Power supply</p> <p>AC Signal input (A)</p> <p>4-20 mA DC 20 mA DC 10 mA DC 5 mA DC 1 mA DC</p> <p>10 V DC 5 V DC 1 V DC</p>	<p>Power supply</p> <p>DC Signal input (mV)</p> <p>4-20 mA DC 20 mA DC 10 mA DC 5 mA DC 1 mA DC</p> <p>10 V DC 5 V DC 1 V DC</p>	<p>Power supply</p> <p>AC/DC Signal input (V or Hz)</p> <p>4-20 mA DC 20 mA DC 10 mA DC 5 mA DC 1 mA DC</p> <p>10 V DC 5 V DC 1 V DC</p>
weight	0,2kg	0,2kg	0,2kg

Structure of the order number:

