

Measurement & Control Instruments

5AAC / 4-20mADC isolated TRANSMITTER model AC1-5

- * to measure AC current in standard ranges - 0, 1 or 0, 5A, 40, 400Hz
- * output - 4, 20mA DC, 2-wire, 1500V isolated
- * simple to use, easy installation, zero and span - adjustable
- * main field of applications - power control



GENERAL DESCRIPTION

The AC1-5 model is a current transmitter for the measurement of AC current from 1 to 5A with galvanic isolation between the primary (measured) and the analogue output (control) signal. The input current transformer has one winding primary coil, formed by the wire of measured current.

SPECIFICATIONS

Measuring Range	0-1, 0-5A - or on request
Bandwidth	40 to 400Hz
Input Resistance	< 0.05Ω - equivalent
Output Signal	4-20mA DC, 2-wire
Supply Voltage	14-32V DC
Accuracy	0.5% F.S. (includes linearity, hysteresis and repeatability)
input/output Isolation	> 1500V
Zero and span adjustable	+/- 10% by potentiometers
Operating Temperature	0°C to +70°C
Thermal Effects	summary < 0.05%°C
Connection to Measuring Current	through-hole 5 mm diameter
Output connection	screw terminals, 1.5 mm ²
Dimensions	90 x 36 x 32 mm, Weight < 50g

SPECIFY ON ORDER:

- Input Range (standard 0÷1A and 0÷5A), or on request