

RTCR007AD/RTCR030AD/RTCR035AD/RTCR068AD Clamp AC/DC leakage current sensor





Product Function

Measurement of AC/DC leakage current, AC/DC current.

Product features

1. It is portable, clamp design, no need to disconnect the measured circuits, non-contact, safe and fast.
2. The clamp core is made of permalloy, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement.
3. Range, turn ratio and output interface can customize according to customer's requirement.

Technical Specification

Model	RTCR007AD Clamp AC/DC leakage current sensor	RTCR030AD Clamp AC/DC leakage current sensor	RTCR035AD Clamp AC/DC leakage current sensor	RTCR068AD Clamp AC/DC leakage current sensor
				
Range	0mA-60.0A AC/DC	0mA-60.0A AC/DC	0.0-1000A AC/DC	0.0A-1000A AC; 0.0A-2000A DC
Resolution	1mA	1mA	0.1A	0.1A
Accuracy	±3.0%FS	±3.0%FS	±1.0%FS	±2.0%FS
Output Voltage	10mV/1A	10mV/1A	1mV/1A	1mV/1A
Phase Error	≤3°	≤3°	≤3°	≤3°
Clamp Size	φ7mm	25mm×30mm	30mm×35mm	φ68mm
Dimension	168mm×65mm×34mm	175mm×70mm×38mm	122mm×70mm×33mm	224mm×115mm×43mm
Weight	About 170g	About 180g	About 180g	About 515g
Power Supply	Alkaline dry battery, 6LR61 9VDC			
Output range	1V peak max			
Output interface	φ3.5mm Audio plug/BNC plug/4.0mm Double banana plug(Can be customized)			
Output Wire Length	2 cores wire, 2 meters			
Frequency Response	AC: 45Hz-400Hz; DC: DC-100kHz			
Accessories	Sensor: 1 pcs			