Multi-channel Resistance Meter

AT5108/AT5110/AT5120/AT5130

安柏

Characters

- ■ Parameter： DC resistance
- ■ Measurement range：1μΩ ~ 30KΩ
- ■ Accuracy ： 0.05%
- ■ 3.5 inch LCD display
- ■ Multi-channel display simultaneously
- ■ High speed scan measurement

AT5108/10/20/30

AT5108/10/20/30 Multi-channel resistance Meter are fully new design with high precision, wide range, can test multi-channel resistance by scanning. and each channel can set comparator separately. AT5110, AT5210 adopt high preformance ARM micro processor control, color 3.5 inch LCD can display multiple resistance values simultaneously, resistance test range 1μΩ ~ 300kΩ, max display 30,000 dgt.

The temperature compensation function of instrument can meet different test requirements. used for automatic equipments, can output multiple OK/NG signals by RS232C & Handler interface, support SCPI & Modbus agreement, apply for auto sorting system to complete the automatic assembly line production to improve the test ability of production Automation.

SPECIFICATIONS

AT5108 Multi-channel Resistance Meter	
Parameter	DC resistance
Channel	AT5108: 8 channels (scanning)
	AT5110: 10 channels（scanning）
	AT5120: 20 channels（scanning）
	AT5130: 30 channels（scanning）
Accuracy	0.05%
Max reading	30,000
Measurement RANGE	1μΩ ~ 30kΩ
Signal source	Max current：<1A
Range	auto，manual，nominal
Speed	30ms/channel（manual）
display results	AT5108: 8 channels show
	AT5110: 10 channels show
	AT5120: 20 channels show
	AT5130: 30 channels show
Adjustment	Short circuit zero correction for each channel
Trigger	internal
	manual
	level
	external
	remote
Interface	RS-232C（SCPI）
	HANDLER(PLC)
	USB
Comparator	each channel can set and output independently
	Absolute tolerance value±TOL
	Percent tolerance value %TOL
	Direct reading value comparison
Test lead	4 terminal shield for each channel（2 check & 2 driving terminal）
	and external shielding ground section
Others	color TFT-LCD display
	resistance upper & lower limit set
	temperature compensation function
	keyboard lock
Power supply	Voltage：198VAC ~ 250VAC
	Frequency：50Hz
	Max power：15VA
Sizes	264 x107x350 mm
Weight	4kg
Accessories	ATL503 Kelvin clip