



TP-18 Slim Scanning Probe Data Sheet



CE Certification

RoHS

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Protection IP54

TP-18 slim optical scanning probe is originally designed and manufactured by Tespro China. TP-18 has been designed mainly for meter active and reactive accuracy testing at the same time. TP-18 optical scanning probe can sense both light and IR(Infrared) light pulses emitted by LED, and then convert them to electric pulses. It is designed in very slim dimension of 10mm. TP-18 is with high optical sensitivity feature. TP-18 pulse sensing scanning probe can be adapted to various calibration equipment, including high-precision standard meters produced by EMH company, meter production testing equipment from major meter manufacturers, and portable on-site testing equipment. TP-18 supports customized circuits customers, as well as OEM/ODM support.

Technical Specifications

Category	Items	Features
Power	Power supply	DC5V±12%,≤10mA(default) DC23V~36 for option
	Output pulse	High level ≥4.0V,low level≤0.3V, positive electric pulse DC5V/DC12~24V for option
Cable	Cable length	70CM in normal, 1M for option
Interface	Connector	Bare wires without connector in normal Customized connector is available
Mounting	Fastening	Supported byTP-GS2 supporting bracket
Mechanical & Enclosure	Mechanical	PC
Environmental	Environment	Application temperature:-40°C~ 70°C in normal
Dimensions	Diameter &Height	10mm width
	Weight	50 gr
Accessory	Probe Fixture	TP-GS2 supporting fixture can be used for probefixing onto any kind of meters
Physical Specifications	Protection Class	IP 54



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