



TP-18 Slim Scanning Probe Data Sheet



CE Certification

RoHS

RoHS Certification



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

Item	Features
Power supply	DC 5V±10%, ≤10mA(default) DC12~36V for option
Output pulse	High level ≥4.0V, low level ≤0.3V, positive electric pulse DC5V / DC12~24V for option
Cable length	70CM in normal, 1M for option
Connector	bare wires without connector in normal Customized connector is available
Fastening	Supported by TP-GS2 supporting bracket
Mechanical	Impact ABS + PC housing
Environment	Application temperature: -40℃~70℃ in normal
Diameter & Height	10mm width
Weight	50 gr
Probe Fixture	TP-GS2 supporting fixture can be used for probe fixing onto any kind of meters
Protection Class	IP 54



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