



# TP-11

## Calibration Optical Probe Data Sheet



CE Certification

**RoHS**

RoHS Certification



Protection IP54

TP-11 is an optical pulse acquisition and verification optical probe originally designed and manufactured by Tespro China. It is generally suitable for pulse acquisition of electronic energy meters worldwide and can be used in conjunction with verification equipment to complete verification work. TP-11 optical scanning probe can sense both light and IR(Infrared) light pulses emitted by LED, and then convert them to electric pulses.

The TP-11 calibration optical 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. The TP-11 photoelectric head is originally designed by Tespro China and supports customized circuits and casings for customers, as well as OEM/ODM support.

# Technical Specifications

Category	Items	Features
Power	Power supply	DC5V±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	Cable length	3M in normal, 2M for option
Interface	Connector	Bare wires without connectorin normal Customized connector is available
Mounting	Fastening	Strong magnetic adhesion(specified by IEC 62056-21)
Mechanical & Enclosure	Mechanical	PC
Environmental	Environment	Application temperature:-40°C~70°C in normal
Dimensions	Diameter &Height	Optical port 32mm Diameter/Height 30mm
	Weight	92 gr
Accessory	Probe Fixture	TP-GS2 supporting fixture can be used for probefixing onto any kind of meters
	Magnet Holding Power	N40/N52(Optional)
Physical Specifications	Protection Class	IP 52



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