



TP-USB

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification



RoHS Certification

TP-USB Series Optical Probe was designed by Tespro in 2005. The up-to-date technologies and the general application property for almost all kinds of electric meters and thermo meters make it very unique among the optical probe families.

Tespro has always adhered to the principle of quality first, and this product has always adopted the original USB chip from FTDI in the UK, which can achieve plug and play for all operating systems without the need to install any drivers, making it more convenient for customers to use. At the same time, we insist on using wide temperature cable materials to ensure that the product can work normally between -40°C and +70°C. For 20 years, as always, adhering to quality is our pursuit. TP-USB was originally designed and manufactured by Tespro Electronics Co.,Ltd.(Tespro China).

Technical Specifications

Category	Items	Features
Basic Information	Communication Interface	USB-2.0
	Supported Standard	IEC 62056-21/ANSI/ANSI-Type2/DL/T-645
Model Specifications	Sub-Models	TP-USB-IEC:Compliant with IEC-62056-21 (ModC&E) TP-USB-ANSI-N:Compliant with ANSIC12.18 TP-USB-ANSI-S:Compliant with ANSIC12.18-2006 type2 TP-USB-IR645:Compliant with DL/T-645-97/07
Performance	Maximum B.R.	57600 in normal and max.115200 available
Physical Interface	Connector	USB A male connector
Optical Specifications	Sensor Light Wave Length	~900 nm.
Cable	Cablelength	2M in normal and 3M/4M/5M for option
Mounting	Fastening	Strong magnetic adhesion (in accordance with IEC 62056-21)
	Magnet Holding Power	N40/N52(Optional)
Environmental	Environment	Application temperature:-40°C~70°C in normal
Dimensions	Diameter&Height	Optical port 32mm Diameter/L45×H30mm
Physical Specifications	Weight	88 gr
	Enclosure Material	PC
	Protection Class	IP554