



# TP-485

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification



RoHS Certification

TP-485 Series Optical Probe are designed with RS485 interfaces in 2013 by Tespro China. 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.

The TP-485 series optical probe is powered by an external power source, supports different types of connectors, and accepts customized plugs from customers. Tespro always adheres to the principle of quality first, and we insist on using wide temperature cable materials to ensure that our products can work normally between -40 °C and +70° C. For the past 20 years, as always, adhering to quality is our pursuit.

# Technical Specifications

Category	Items	Features
Basic Information	Communication Interface	RS485
	Supported Standard	IEC 62056-21/ANSI/ANSI-Type2/DL/T-645
Model Specifications	Sub-Models	TP-485-IEC:Compliant with IEC-62056-21(ModC&E) TP-485-ANSI-N:Compliant with ANSIC12.18 TP-485-ANSI-S:Compliant with ANSIC12.18-2006 type2 TP-485-IR645:Compliant with DL/T-645-97/07
Performance	Maximum B.R.	57600 in normal and max.115200 available
Physical Interface	Connector	Aviation plug/(Customized)
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	IP 54



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We have offices in multiple countries: China, US, UK, AUS, HK. If you encounter an agent, please contact us first to confirm.