



TP-485

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification

RoHS

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 China 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

Items	Features
Communication Interface	RS485
Supported Standard	IEC 62056-21 / ANSI / ANSI-Type2/DL/T-645
Sub-Models	TP-485-IEC: Compliant with IEC-62056-21 (Mod C & E) TP-485-ANSI-N: Compliant with ANSI C12.18 TP-485-ANSI-S: Compliant with ANSI C12.18-2006 type2 TP-485-IR645: Compliant with DL/T-645-97/07
Maximum B.R.	57600 in normal and max.115200 available
Connector	Aviation plug/(Customized)
Sensor Light Wave Length	~ 900 nm.
Cable length	2M in normal and 3M/4M/5M for option
Fastening	Strong magnetic adhesion (in accordance with IEC 62056-21)
Magnet Holding Power	N40 / N52 (Optional)
Mechanical	Impact ABS+PC housing
Environment	Application temperature: -40℃~70℃ in normal
Diameter & Height	Optical port 32mm Diameter / L45xH30mm
Weight	88 gr
Enclosure Material	ABS + PC
Protection Class	IP 54



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