



TP-PDA

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification



RoHS Certification

TP-PDA Series Optical Probe are designed with USB or RS232 interfaces in 2011 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-PDA 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

| Category | Items | Features |
|-------------------------|--------------------------|---|
| Communication | Communication Interface | RS232/RS485/TTL/USB |
| | Supported Standard | IEC 62056-21/ANSI/ANSI-Type2/DL/T-645 |
| | Sub-Models | TP-PDA-IEC:Compliant with IEC-62056-21(ModC&E); TP-PDA-ANSI-N:Compliant with ANSI C12.18; TP-PDA-ANSI-S:Compliant with ANSIC12.18-2006type2; TP-PDA-IR645:Compliant with DL/T-645-97/07 |
| | Adaptive Terminal | TP-PDA-DP97:for Dolphin 9700; TP-PDA-MC75:for Motorola MC75xx; TP-PDA-iPad:for Apple iPad; TP-PDA-IEC-T:for Tespro TA-262,IEC standard; TP-PDA-645:for Tespro TA-262,DLT/645 standard; TP-PDA-HTTP:for Zhenzhong HHU Model 900; TP-PDA-HTTJ:for JieBao HHUModel 9800/A188 |
| | Maximum B.R. | 57600in normal and max.115200 available |
| Cable & Interface | Connector | RS232-DB9/USB-A/Type-C/(Customized) |
| | Cable length | 2Min normal and 3M/4M/5M for option |
| Hardware & Controls | Sensor Light Wave Length | ~900 nm. |
| | Fastening | Strong magnetic adhesion (in accordance with IEC 62056-21) |
| | Magnet Holding Power | N40/N52(Optional) |
| Mechanical & Enclosure | Mechanical | ImpactABS+PChousing |
| | Enclosure Material | ABS+PC |
| | Diameter&Height | Optical port 32mm Diameter/L45xH30mm |
| | Weight | 88 gr |
| Environmental | Environment | Application temperature:-40°C~70°Cinnormal |
| Physical Specifications | Protection Class | IP 54 |



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