



TP-232

Series Communication Optical Probe Data Sheet



Windows



Android



Protection IP54



CE Certification

RoHS

RoHS Certification

TP-232 Series Optical Probe designed with infra-red and RS232 interfaces. It was designed to be powered from RS-232 interface in 2002 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-232 series optical probe supports power from the RS232 interface and external power supply through other pins of DB9. In terms of RS232 power supply, we use patented technology to steal power from the RX and TX pins of RS232, and drive the optical probe circuit without affecting RS232 interface communication. Tespro China has always adhered to the principle of quality first, 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.

Technical Specifications

Items	Features
Communication Interface	RS232
Supported Standard	IEC 62056-21 / ANSI / ANSI-Type2/DL/T-645
Sub-Models	TP-232-IEC: Compliant with IEC-62056-21 (Mod C & E) TP-232-ANSI-N: Compliant with ANSI C12.18 TP-232-ANSI-S: Compliant with ANSI C12.18-2006 type2 TP-232-IR645: Compliant with DL/T-645-97/07
Maximum B.R.	57600 in normal and max.115200 available
Connector	RS232-DB9/(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°C~70°C in normal
Diameter & Height	Optical port 32mm Diameter / L45xH30mm
Weight	88 gr
Enclosure Material	ABS + PC
Protection Class	IP 54



Tespro Electronics Co., Ltd.

Web : <https://www.tespro.com>

Email: info@tespro.com / sales@tespro.com

Mobile/whatsapp : China: +86-13928019921, +86 13825632387, HK: +852-64809837, US: +1 8084918078

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