



OP-301

Optical probe with RS-232 output signal

Overview

OP-301 is an IEC62056-21 optical head with RS232 (DB-9) output that communicates with all types of metering devices that are compliant with IEC62056-21 standard via infrared. This device can be used for onsite reading and configuring of all types of meters or other devices that are compatible with IEC62056-21 standard.

Advantages

- ▶ Resistant to visible light wavelengths
- ▶ High quality wires, resistant to tensional forces
- ▶ Powerful magnet for holding the probe on the meter
- ▶ No power supply needed

Specifications

Power supply	+5 V DC (optional, power supplied from RS-232 interface)
Magnet Force	More than 15 newtons
Enclosure material	ABS
Cable length	2 meters
Weight	82 gr
Connector	DB9F
Communication Port	RS-232
Lens	UV polycarbonate filter
Standard	IEC 62056-21
Signal Level	Compatible with EIA-232 (RS-232)
Data transfer rate	from 300 to 19200 bps
Working Current	1 mA
Maximum Current	9 mA
Wavelength	880 nm
Operation temperature	-20 to +70 °C



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