

Read Head

Optical Read Head for Data Communication

The Read Head, a wired cohort accessory for EDM1 meters with a data rate of 57,600 bits per second, is developed to meet the needs of meter communications as technology evolves. The optical probe's power is supplied by the computer's host port, hence, eliminating the need for battery packs and/or AC power supply. It has been known for a practical approach in meter reading and programming.



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Operating Specifications

- Standards: ANSI C12.18-1996 & FLAG IEC-62056-21
- Data Optical Rate: default 9,600 bps adjustable from 1,200 to 38,400 bps
- Data Output Interface: USB 2.0 Full Speed Device (12Mbps)
- Power Requirements: Lower Power Device per USB 2.0 - requires 1 Unit Load < 100mA (4.75-5.25V nominal); Power supplied through device's type A USB port
- Meets or exceeds the requirements for: Thermal Shock, Humidity & Water Resistance, RF Susceptibility, ESD, Drop and Random Vibration, Solar Radiation, Salt Fog, Low Pressure
- Operating & Storage Temperature: -20°C to +85°C

Mechanical Specifications

- Construction: Impact resistant Engineered Polyacteal Copolymer - Black
- Lens: UV Filtering Polycarbonate
- Computer Port: USB Type A
- Cable length: 2m

Compatibility

- Supports all Windows Operating System
- Interface provides better compatibility with newer PCs powered via USB connection
- All EDMi Meters

ANSI Read Head



FLAG Read Head



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