

Optical Probe K01-ANSI

Specification

The K01-ANSI optical probe enables data transfer between devices equipped with a serial interface and consumption meters with optical interface in accordance with ANSI C12.18-1996 and AS 1284.10.2-1993.

The probe's signal level is selectable. Optical reflections in the probe are eliminated as standard: if optical reflections should be required, a "clean" electrical echo in the probe can be generated.

The ergonomic casing prevents the daylight filter from being scratched because the filter can be easily restored. Horizontal grooves improve grip.

Electrical Data

- Optical interface pursuant to ANSI C12.18-1996 and AS 1284.10.2-1993
- Transfer speed of 50....19200 baud
- Bit-serial transfer, half-duplex
- Possible interface levels: V.24, TTL and negated TTL
- Electricity supply from the serial interface (4-12V) or with system voltage
- Power consumption approx. 3.5mA



Mechanical Data

- Diameter: 32mm; length: 22mm
- Weight: 65g, including 1.5m cable and connector
- Casing material: Delrin (POM), black
- Magnetization: Outward-oriented towards the North Pole
- Magnetic retention force: ~15N

The Company assumes no responsibility for any errors which may appear in this document, reserves the right to change devices or specifications detailed herein at any time without notice, and does not make any commitment to update the information contained herein. As of 2009/02.