

Data sheet

Optical read-out head

- Can be connected to computer or MULTITERM Pro
- No supply required
- Complies with IEC 1107/EN 61107
- Designed for use with MULTITERM Pro, Kamstrup meters and M-Bus Master
- Robust construction
- USB or D-Sub connector



Application

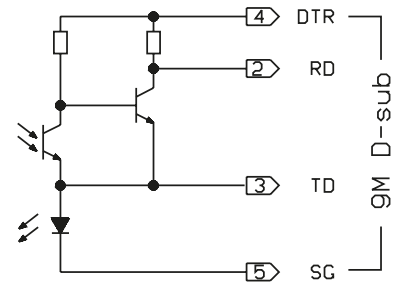
The optical read-out head is used to transmit data from energy meters, water, electricity meters and similar measuring equipment to computers and hand-held terminals via an optical data port.

Applications range from single data readings, e.g. for accounting purposes, to more comprehensive programming of meters.

The optical read-out head is fitted with a permanent magnet, which ensures that the head remains securely on the meter during data acquisition. Data is transmitted via an infrared light. The read-out head has – as do meters – both a transmitter and receiver for serial, two-way communication.

Technical data and principle diagram

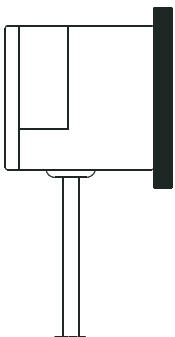
Baud rate	Max. 2400 bit/sec.
Connection control	Echo from TD to RD
Ambient temperature	-10 °C...+55 °C
Storage temperature	-20 °C...+70 °C
Enclosure	IP53
Cable length	Approx. 1.5 m
Dimensions	Dia. 32 x 33 mm
Weight	Approx. 0.1 kg



Directions for use and storage

The optical read-out head must **not** be used or stored in the vicinity of data media or computers as the magnet may damage data.

Always cover the magnet with the protective disc when the read-out head is not in use.



Protective disc



The cable from the readout head must always point downwards ±20°.

Order specifications

Description	Type no.
Optical read-out head with USB plug	6699-099
Optical read-out head with 9F D-sub plug	6699-102

Optical read-out head

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