

Data sheet

Wired optical read-out head

- Can be connected to computer or MULTITERM Pro
- No supply required
- Optical Interface according to EN62056
- Designed for use with MULTITERM Pro, Kamstrup meters and M-Bus Master
- Robust construction
- USB or D-Sub connector



Application

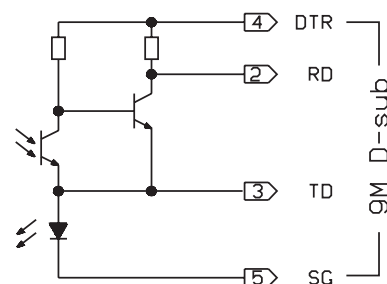
The wired optical read-out head enables communication between Kamstrup products, such as electricity meters, thermal energy meters and water meters, and a computer or hand-held terminals.

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

The optical read-out head is fitted with a permanent magnet, which ensures that the optical read-out head can be securely attached to a Kamstrup product during data transmission. The data transmission is enabled using two-way infrared optical communication.

Technical data and principle diagram

Baud rate	Up to 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



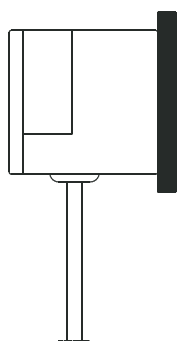
Order specifications

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

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



Optical read-out head

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