

# OD 07-L

# OP 07-L

Data-Logger  
Data storage for network systems



## Special Features

High resolution pulser for CDL Data-Loggers  
Very low power consumption  
Powered by logger battery  
Forward-reverse-identification

## Application

The pulsers OD 07-L and OP 07-L incl. pulse plug are usable to connect an Sensus water meter to a pulse entry of a Data-Logger CDL-1U,-2U or -4U.

The OD 07-L and OP 07-L provide high resolution pulses with a corresponding flow direction signal to the CDL Data-Logger. They are therefore applicable for logging of low flow rates and their flow direction (e.g. for leakage control or reticulation network control).

## Technical Data

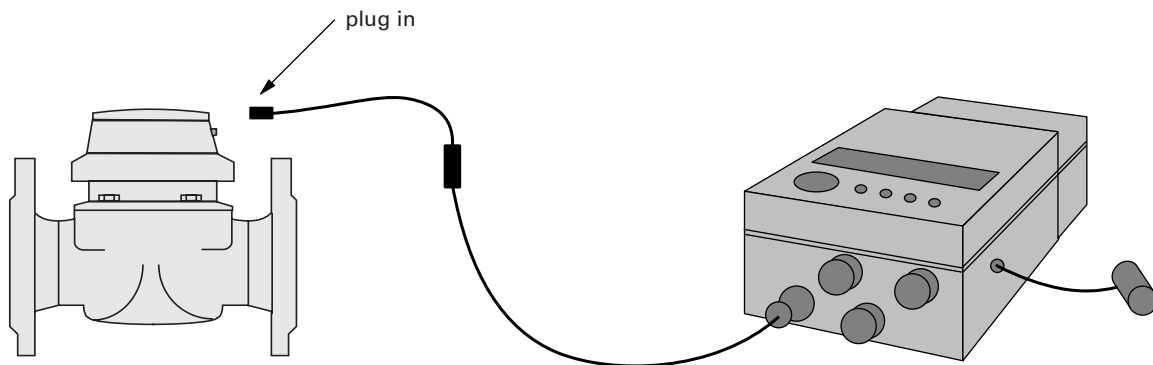
Sensor principle:	optical sensor with reflection light barrier
Pulse validity:	K=1000 (equivalent to OP 01/02 resp.. OD 01/02)
Flow direction:	bi-directional
Operation temperature:	0 ... 50 °C medium temperature 0 ... 70 °C electronic housing
Storage temperature:	- 25 °C ... + 75 °C
Supply:	by connected CDL Data-Logger
Current consumption:	230 µA (typ.) 250 µA (max.)
Cable length:	3 m

## Available Designs

Pulser **OD 07-L**, incl. CDL-Pulse plug, usable for water meters type **WP-Dynamic**, **WS-Dynamic**, **WPVD** and **MeiTwin**

Pulser **OP 07-L**, incl. CDL-Pulse plug, usable for water meters type **WP QF**, **WS PF**, ...

# Connection Diagram



**Water Meter**

Flow direction  
forward / reverse  
(bi-directional)

**OD 07-L  
OP 07-L**

**Data-Logger  
CDL-1U, -2U, -4U**



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