



Cold
water

GWF



Opto-OD-Pulser

for Woltman meters

Your benefits

- Conversion of an impulse signal to a Namur signal (4–20mA / 0–20mA):
High resolution for instantaneous flow rate indication (m³/h) in combination with the FM-1D/K
- Can be retrofitted without damaging the calibration seal:
Easy and fast on-site installation

Application

- Flow direction recognition (forward or back-flow) by means of different signal levels
- Pulse transferral for forward and backward totalisation in combination with FM-1D/K
- Pulse output for process measuring, control and dosing functions

Features

- Two different pulse values available (OD 01 or OD 03)
- Flow direction detection
- Flood proof (IP68)
- Cable length 3m

Technical Data

Control element

IR reflex light barrier acc. EN 50227, plug type

Specification

Supply voltage	8,2VDC
Current pick-up with reflection	< 1,2mA
Current pick-up without reflection	> 2,1mA

Integrated with the sensor, via an additional current level, is the forward and reverse characteristic 1,5mA

Pulse duration

Depending upon flow rate in water meter

Under no flow condition continuous contact possible

Protection class

IP68 (DIN 40050)

Temperature range

Ambient temperature	t _{amb} ≤ 70°C
Medium temperature	t _m ≤ 50°C

Cable connection

Length	3m
--------	----

Pulse values Opto-OD-Pulser

Meter sizes		DN 50...125 1 Pulse = ...Liter	DN 150... 300 1 Pulse = ...Liter
WSDK, WPKD, Meistream, Meistream Plus	Opto OD 01	1	10
	Opto OD 03	10	100

Application example with Opto-OD-Pulser

Pulse signals for processing in the management systems or other control and regulation functions.

