

## PULSE DATA COLLECTOR

PDC

- Collect meter data from two different meters simultaneously
- The pulse collector has a built-in radio module
- w-MBus compatible with OMS
- Get your property read for the legal requirements and technical standards of the future



### Make it easier to read the property's meters with the Pulse Data Capture (PDC).

#### Properties and functions

The Pulse Data Capture (PDC) is used to collect meter data (pulses) from 2 meters (pulse outputs), which are typically water, heating, gas or electricity meters. The meters must have a pulse output to be connected to a pulse counter. Each meter is connected to its own entry on the pulse collector. In other words, PDC is a meter add-on, which can be used in situations where the meters should send meter data to Brunata and do not have a built-in radio module. In this case, the pulse collector will be connected to the pulse counter, which will send data to Brunata and thereby by part of the total registration of the property's consumption.

#### Connected consumption meters

During installation, PDC is programmed to fit the consumption meters connected to it.

#### Reading options

PDC has a built in radio module that enables the meter to be read remotely, and that can be integrated with DriveBy. The built in radio module also allows for readings via Brunata Net, which is a radio network that can be set up in all types of properties. Unlike DriveBy, with which the meters are read 1-2 times a year, Brunata Net can update data down to every 15. minutes.

With Brunata Net you can, as the property administrator, gain access to monitor measurement data via WebMon, which is part of Brunatas online services. WebMon allows both residents and the administrator to monitor the development of consumption and consumption patterns.

#### Facts

- The pulse collector can collect signals from meters with pulse output
- The pulse collector can collect meter data from two different meters
- Can be incorporated into existing BrunataNet systems with 868 MHz gateways
- The pulse collector has 10 years of battery lifetime

# PULSE COLLECTOR

PDC

## Technical data

PDC	
Frequency band	868 MHz
Radio module	Open Metering Standard (OMS) Mode C1, Version 4.0.2, Encrytion mode 5
Transmission frequency	Every 3. minute
Transmission power	approx. 14 dBm, 25 mW
Duration of transmission telegrams	Up to 1s
Encodings of radio protocols	Yes
Error detection	CRC
Optional interface	Yes
Battery	Lithium battery
Battery life	Up to 10 years
Display	No
Protection class	IP54 or IP68 as an option
Temperature range	10 °C to 40 °C; (-15 °C to 60 °C) temporarily
CE conformity	2014/53/EU
Activation of the radio interface	by illuminating the IR diodes with a light source by Zenner optical head via the IrDA interface

## Dimensions

