

# Brunata Futura Signal

- Pulse collector with built-in radio transmitting 24/7/365
- Able to collect meter data from up to four different meters simultaneously



## Make it easier to read the property's meters with Brunata Futura Signal.

### Properties and functions

Brunata Futura Signal is used to collect meter data (pulses) from up to four meters (pulse issuers), 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, Brunata Futura Signal is a meter add-on, used in two different situations:

- If the meters are installed in a location where the display cannot be read, they can be connected to the pulse counter so that their registrations can be read on the pulse counter's display.
- If the meters should send meter data to Brunata and do not have a built-in radio module, they can be connected to the pulse counter, which will send data to Brunata. In this case, the pulse counter is part of the total registration of the property's consumption.

### Reading options

- The pulse collector has a reader-friendly display, where registrations from the connected meters can be read.
- The pulse collector has a built-in radio module and can be read via Brunata DriveBy, which reads the meters at agreed times without Brunata needing to enter the flats.
- The pulse collector's built-in radio module also allows reading via Brunata Net, which is a radio network that can be installed in properties of every kind. The network collects data from the pulse counter and transmits them to Brunata.

### Connected consumption meters

During installation, Brunata Futura Signal is programmed to fit the consumption meters connected to it.

### Facts

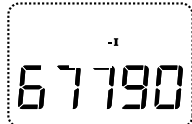
- The pulse collector can collect signals from meters with pulse output
- The pulse collector can collect meter data from up to four different meters
- The display is updated every other minute
- The pulse collector has a replaceable battery with a life time dependent on the number of meters connected to it
- The pulse collector is supplied with a radio module, which transmits data to Brunata every other minute 24/7/235, if Brunata Net is installed

# Solution Overview

## Reader-friendly display

Brunata Futura Signal has a reader-friendly display, which is always on. The display alternately shows the consumption at the meters connected to the counter:

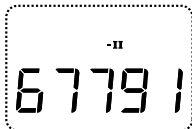
Display reading 1  
Meter number 1



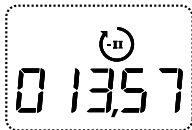
Display reading 2  
Meter state 1



Display reading 3  
Meter number 2



Display reading 4  
Meter state 2



## Technical data

### Communication

Protocol:	Brunata V2
Radio frequency:	434 MHz
Transmission frequency:	Every other minute
Telegram update:	Every other hour

### Pulse entries

Number of entries:	2 S02 or 2 Reed
Meters per entry:	1
Max. frequency:	16.67 Hz
Min. pulse length:	28 ms
Entry scale:	Programmable
Connection:	Screw terminals, LSA contact terminals

### Battery

Battery type:	Lithium
Life time:	The battery life time depends on the number of meters connected

- With one meter up to 8 years
- With two meters up to 6 years
- With three meters up to 5 years
- With four meters up to 3 years

### Design

Measurements:	131 x 39 x 19 mm
Weight:	100 g
Counter cabinet:	66 x 66 x 20 mm, 46 g
Cable length:	standard 3 m, can be extended to 10 m

### Other

IP class:	42
CE conformity:	2004/108/EC 1999/5/EC 2006/95/EC