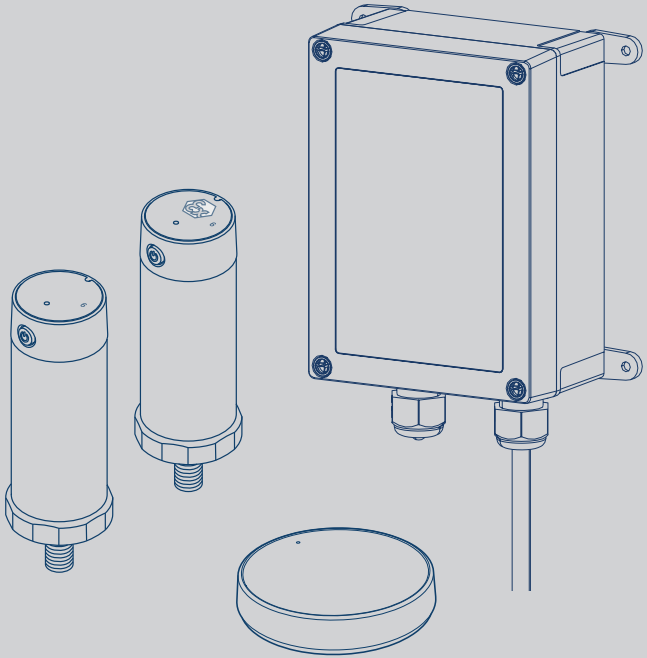
Brüel & Kjær Vibro

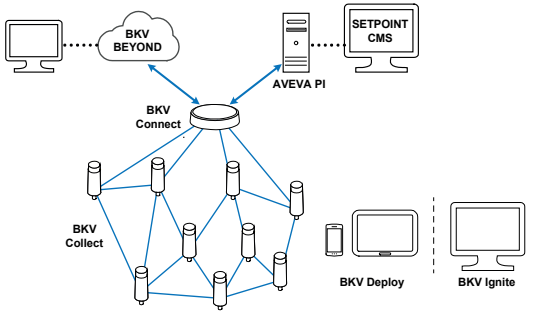
A member of the NSK Group



BKV Connect 1 & 2 / BKV Collect 6 & 6 Ex

Quickstart Guide, Safety, and Warranty

System description



Overview

When there is a need for high density of connected devices, a mesh network is the perfect solution for connectivity. In a mesh network, devices transmit their own sensor data and act as a relay for other devices. Relays provide the best and most efficient communication path to a gateway.

The **BKV Connect 1 & 2** gateways connect a mesh network of a few to several dozens of wireless devices to a backend. They exchange data with the mesh network and can process, store, and send data to local or cloud backends. BKV Connect 1 & 2 can be connected to the internet over a wired Ethernet connection or wirelessly over a Wi-Fi or cellular connection (LTE Cat M1 or 2G).

The **BKV Connect 2** (gateway in protective enclosure) can be used in outdoor or industrial environments that require a higher degree of water and dust protection.

The **BKV Collect 6 & 6 Ex** is a wireless battery-operated sensor for condition monitoring and predictive maintenance. It measures tri-axial vibration and surface temperature of rotating equipment, such as pumps, motors and compressors.

Abnormal machine vibrations or high temperatures may give early signs of failure due component imbalance, misalignment, wear or improper use of equipment.

The **BKV Collect 6 & 6 Ex** operates in a mesh network and transmits sensor data directly or via other BKV Collect 6 & 6 Ex to a BKV Connect 1 & 2. Typically, the data is sent from the BKV Connect 1 & 2 to a backend (BKV BEYOND or Setpoint CMS based on AVEVA PI) for storage and further analysis. Once the BKV Collect 6 & 6 Ex is switched on, it starts automatically to measure and transmit data at pre-configured intervals. Depending on the configuration a BKV Collect 6 & 6 Ex can send raw vibration data and/or pre-calculated values, such as RMS velocity, Fast Fourier Transform (FFT), Crest factor and many more via the gateway.

BKV Collect 6 Ex (wireless sensor for hazardous areas) variant is designed for vibration and temperature monitoring of rotating equipment in potentially explosive atmospheres.

For further information, read the instructions

This Quickstart Guide is no substitute for the detailed instructions.
Please make sure to read the detailed instructions in the BKV Wireless Sensor Solution Instructions or at **www.bkvibro.com**.

When using the BKV Collect 6 Ex in potentially hazardous environment

WARNING!
Failure to follow the instructions in this guide could result in a serious personal injury and property damage and may void warranty. Read this guide carefully before installing or using the device. Save the guide for future reference.

DANGER!
When a BKV Collect 6 Ex is installed in a potentially hazardous area, the following requrements must be met:

- **The installation for Ex-certified devices must be made in conformity to the international or international standards(IEC/ EN 60079- 17).**
- **The sensor must be installed in such a way that is grounded or connected electrostatic dissipative adhesive to the machine surface.**
- **Grounding can be achieved by mounting the device directly to the machine body using tap and drill.**
- **Electrostatic dissipative adhesive must be used when the sensor is mounted using glue amount adapter or magnetic epoxy mount adapter.**
- **Paint must be removed from machine surface before adhesive mounting.**

Treon disclaims all responsibility for work done by untrained and unauthorized personnel.

These are the personnel requirements for Ex-approved products in potentially explosive atmospheres:

- All users must know about the risks of electric current and the chemical and physical characteristics of the gas and/or vapor present in hazardous areas.
- The installation for Ex-approved products must be made in conformity to the international or national standards (IEC/ EN 60079-17).

Treon Industrial Node 6 Ex is certified for use in potentially explosive atmospheres.

ATEX & IECEx markings

II 2 G Ex ib IIC T4 Gb

II 2 D Ex ib IIIC T135°C Db

Ambient Temperature: -40°C to +60°C | -40°F to +140°F

MET markings

Class I Zone 1 AEx ib IIC T4 Gb

Zone 21 AEx ib IIIC T135°C Db

Class I, Division 2, Groups A,B,C,D T4

Class II, Division 2, Groups F,G T4

Class III, Division 2

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db

Ambient Temperature: -40°C to +60°C | -40°F to +140°F

Compliant with the following standards:

ATEX

EN IEC 60079-0:2018

EN 60079-11:2012w

IECEx

IEC 60079-0:2017

IEC 60079-11:2011

North America

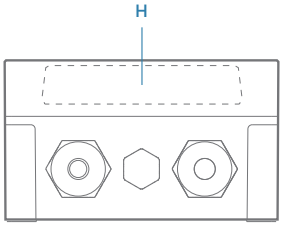
UL 60079-11 (Edition 6) 2013 rev 2018

UL 60079-0 (Edition 7) 2019 rev 2020

CSA C22.2 NO 60079-11 (Edition 2) 2014

CSA C22.2 NO 60079-0 (Edition 4) 2019

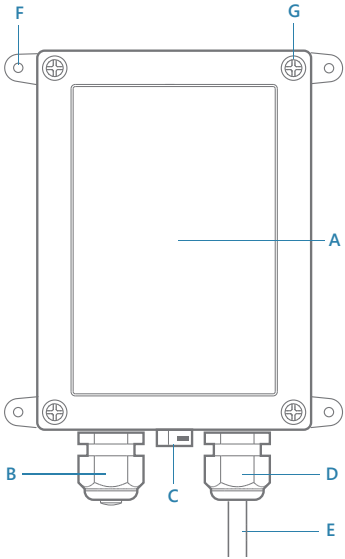
BKV Connect 2



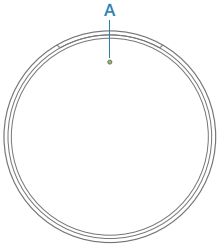
Keys and parts BKV Connect 2 and BKV Connect 1 (next page)

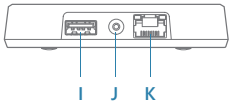
A. Status light
B. Ethernet cable gland
C. Air vent
D. Power cable gland
E. Power cable
F. Adjustable mounting brackets
G. Lid screws
H. BKV Connect 1
I. USB A host port
J. Power cable connector
K. Ethernet cable connector
L. Configuration button
M. Micro SIM card slot

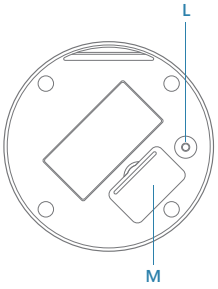
Finger guard for power cable (see image in step 1 (Open the BKV Connect 2))



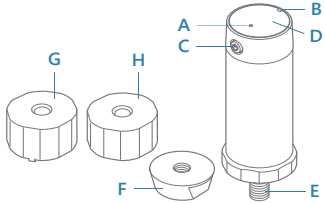
BKV Connect 1







BKV Collect 6 & 6 Ex



Keys and parts
BKV Collect 6 & 6 Ex

A. Status light
B. Orientation notch
C. Power button
D. NFC tag
E. M8 bolt
F. Nut adapter
G. Magnetic epoxy mount adapter*
H. Glue mount adapter

**The adapter G is not included in the standard sales packaging.*

For mounting you need a torque wrench, spanner width 30 mm (1.18 in) for the sensors, and a torque wrench, spanner width 22 mm (0.87 in) for the nut adapter.

1

Pre-configuration tool (BKV Ignite)

https://ignite.bkvbeyond.com

Log into the BKV Ignite pre-configuration tool with your username and password that has been provided to you via E-mail.

Within the BKV Ignite pre-configuration tool you will be able to:

- Set up your sites and areas
- Set up your assets and components
- Set up your monitoring devices (gateways, sensors, etc.)
- Create the installation project (invite Project Installers) that can be downloaded to the BKV Deploy installation and commissioning app

Read the detailed instructions in the BKV Wireless Sensor Solution Instructions.

2

Installation and commissioning app (BKV Deploy)

After mounting the BKV Connect 1 & 2 and BKV Collect 6 & 6 Ex devices, you must install and commission the devices. This is done with the installation and commissioning app on your mobile device.

Install the app
First you must install the *BKV Deploy* app on your mobile device. The *BKV Deploy* app can be downloaded from the Google Play Store (Android) or the Apple App Store (iOS).

Google Play Store

Apple App Store

Log in to the app
1. Open the installation and commissioning app.

2. Tap on the **Next** button to navigate through the informative welcome screens.

3. In the login screen, enter your username and password and tap on **Continue**.

4. If prompted, enter a new password, and confirm it.

5. After login, a new screen displays the projects you are invited for.

6. Select a project and tap on the **Download project** button.

7. After your project is downloaded, you see the home screen of the app.

Perform the steps 3 (Open the BKV Connect) to 7 (Mount the BKV Connect 2) for all gateways.

Read the detailed instructions in the BKV Wireless Sensor Solution Instructions.

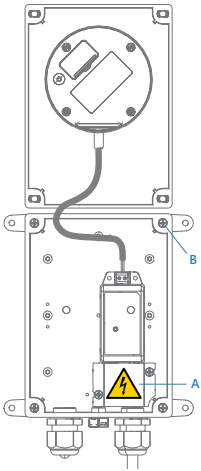
3

Open the BKV Connect (2) (optional)

DANGER!
Hazardous Voltage/Electricity

- **Do not work on the device when it is under voltage!**
- **Always disconnect the power cable from the mains before opening the enclosure.**
- **Do not remove the finger guard (A) of the power cable as this may result in electric shock.**

1. Always disconnect the power cable from the mains before opening the enclosure.
2. Unscrew the lid screws (B) at the corners of the BKV Connect 2 lid with a suitable screwdriver tool.
3. Open the lid carefully. Avoid bending the cable too much as it may damage the device.



4

Power up the BKV Connect

Make sure that the power cable is attached to the BKV Connect (J) and close the BKV Connect 2 lid. Plug the BKV Connect in a wall outlet. The BKV Connect switches on automatically.

Use only the power supply unit provided together with the device.

Status light colours:

Green light
The BKV Connect is connected to the internet.

Blue light
The BKV Connect is trying to establish a connection to the internet.

Blinking blue
The BKV Connect is in the configuration mode.

Red light
An error was detected or the BKV Connect is not connected. Open the configuration mode to determine the error.

The position of the status light can be found under **Keys and parts** of the **BKV Connect**.

5

Connect your device

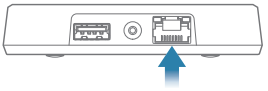
You can connect the BKV Connect with
- an Ethernet cable connection
- a cellular connection
- a Wi-Fi connection.

NOTE!
The Ethernet and cellular connections automatically override the Wi-Fi connection.

NOTE!
- **Ensure that port 8883 is open on the customer network so that the gateway can communicate with this network.**
- **Ensure that outbound traffic to the Internet is allowed on ports 443, 8883, and 8443. HTTP/S and MQTT protocols must also be allowed on the network.**

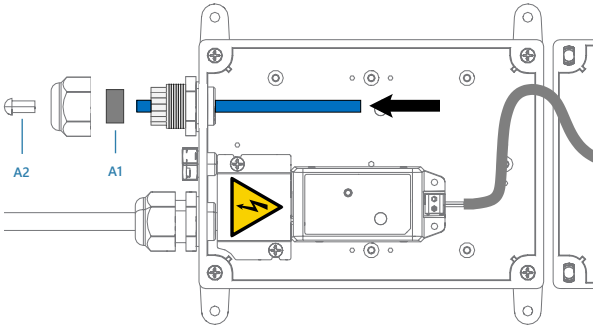
Use an Ethernet cable connection

1. Open the BKV Connect 2 lid as described in step 1 (Open the BKV Connect 2).
2. Unscrew the Ethernet cable gland cap (A). Remove the sealing rubber (A1) and plug (A2) by pushing from inside out.
3. Pull the RJ45 cable through cable gland cap and install the rubber sealing around cable. Push the rubber sealing inside RJ45 cable gland.
4. Attach the Ethernet cable to the RJ45 connector (B).



5. Adjust the cable length to appropriate length and tighten the RJ45 cable gland cap.
6. Close the lid and tighten the screws.

2.



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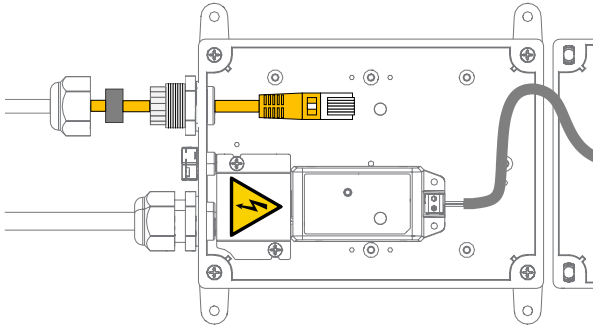

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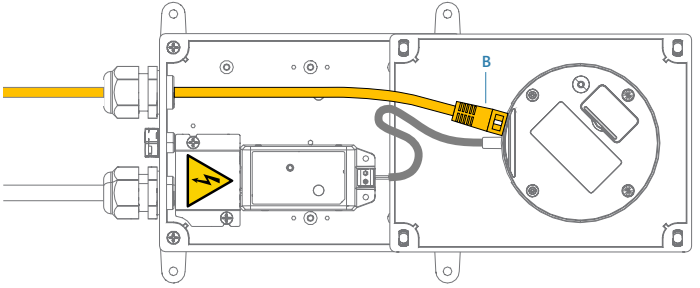
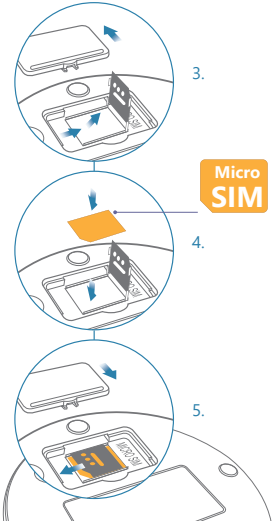


Use a cellular connection

1. Open the BKV Connect 2 lid as described in step 1 (Open the BKV Connect 2).
2. Put your fingernail in the seam between the lid of the SIM card slot (M) and the back cover of BKV Connect and remove the lid.
3. Slide the SIM card holder to the right until it unlocks, and lift the holder up.
4. Place the micro SIM card in the holder with the contact area face down and close the holder.
5. Slide the holder to the left until it locks into place, and put back the lid of the SIM card slot.

NOTE!
To investigate whether this connection type can be used in your region, please contact your local Brüel & Kjær representative.



6

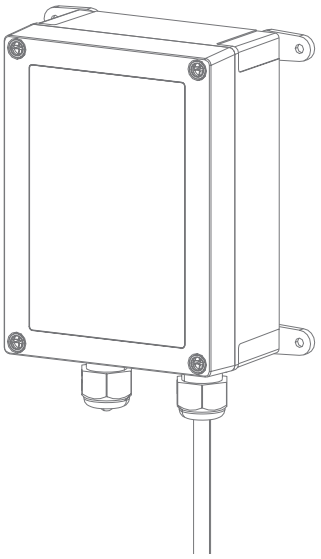
Configure and commission the BKV Connect

1. Open the BKV Connect 2 lid as described in step 1 (Open the BKV Connect 2).
2. Press the configuration button (L) until the status light (A) starts blinking. The BKV Connect becomes a Wi-Fi access point.
3. Go to BKV Deploy, click on the gateway you want to commision and select **Register**. Select **Go to Wi-Fi Settings** and connect to the Wi-Fi access point.
   Select *treongw1-serialnumber*, where *serialnumber* is the serial number of your BKV Connect. Enter Wi-Fi password which is provided on the type plate on the back of the BKV Connect.
4. Select **Launch admin app**.
5. Make the needed configurations. You can, for example, change the gateway access point password, check the error log, and set up a Wi-Fi connection.
6. To exit the configuration mode, select **Quit**, or press and hold the configuration button (L) until the status light stops blinking.
7. Select **Register gateway** and enter the serialnumber of the BKV Connect or scan the QR-code.
8. Go to the home screen of the installation project and click on **Sync now** to synchronize your BKV Connect registration.
9. When needed configurations are done, close the BKV Connect 2 lid and tighten the screws.

7

Mount the BKV Connect 2

1. Turn the four adjustable mounting brackets (F) outwards.
2. Attach the BKV Connect 2 to the surface with four screws, maximum diameter 4 mm (0.16 in). The screws are not included in sales package.
3. Ensure that the mains power plug is easily accessible.



AUSTRALIA, NEW ZEALAND:
This device should be mounted at a height less than 2 m (6.56 ft).

NOTE!
- Mount and install the gateway in a central position in the area of the installed sensors If possible, install the gateway above the sensors.
- Make sure that there is a free line of sight from the gateway to as many sensors as possible.
- Do not install the gateway at the end of a row of several sensors in succession.
- Make sure that there are no thick walls and other large or metallic objects between the sensors and the gateways.
- Do not install the gateway in a metal control cabinet.

NOTE!
For mounting the BKV Connect 1 (gateway without enclosure) on the wall, read the detailed instructions in the BKV Wireless Sensor Solution Instructions.

NOTE!
It is a good practice to start mounting the BKV Collect 6 & 6 Ex only after all gateways have been installed and commissioned.

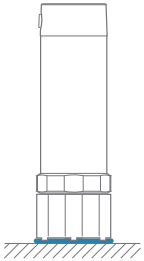
8

Mount BKV Collect 6 & 6 Ex

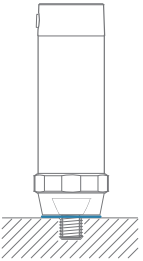
When mounting the BKV Collect 6 & 6 Ex to a monitored equipment, it is important to consider the location of the sensor and the contact between the sensor and the equipment. The best location to attach the BKV Collect 6 & 6 Ex depends on the machine and the monitored vibration source.

For best measurement quality, the contact surface in the machine should be completely flat (within 1 mil), smooth (surface texture not greater than 32 microinches) and larger than the base of the sensor.

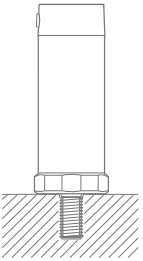
In cases where the surface of the machine is curved or uneven, epoxy must be used between the machine surface and the BKV Collect 6 & 6 Ex sensor. Screwing the sensor to curved surface may lead to the sensor bolt twisting and permanent damage to the device.



Case 1



Case 2



Case 3

NOTE!
It is a good practice to mount the sensor via a glue mount adapter to the machine.

NOTE!
We used, e.g., WÜRTH Epoxy-Stick Metal or Loctite EA 3450 glue and had good experience with them. You can use any suitable high-quality epoxy or adhesive.

CASE 1

Attach BKV Collect 6 & 6 Ex with epoxy or glue mount adapter

Using epoxy or glue mount adapter enables attaching BKV Collect 6 & 6 Ex without an opening for a bolt. With the epoxy mount adapter the sensor can also be attached to slightly uneven surface while the glue mount adapter requires an even surface. The required surface diameter is 32 mm (1.26 in).

1. Clean the surfaces between sensor and adapter and apply silicon grease on it.
2. Screw the mount adapter to the sensor bolt.
3. Tighten the nut to 8 Nm torque.
4. Apply epoxy or glue to the adapter surface.
5. Place the BKV Collect 6 Ex to the correct position on the machine.
6. Let the epoxy or glue harden.

CASE 2

Attach BKV Collect 6 & 6 Ex with nut adapter

Using a nut adapter enables attaching the BKV Collect 6 (Ex) to a spot with less available space in diameter, shorter M8 opening with less threading and with additional epoxy to uneven surface. It requires a nut adapter, flat surface of 25 mm (0.98 in) diameter, hole for M8 bolt with 9.5 mm (0.374 in) of threading and optional epoxy.

1. Clean the surfaces between BKV Collect 6 & 6 Ex and adapter and apply silicon grease on it.
2. Screw the adapter nut to the sensor bolt.
3. Tighten the nut to 8 Nm torque.

NOTE!
Manual alignment of the senor is not possible with this installation method.

Without epoxy

4. Clean the machine surface and apply silicon grease on it.
5. Apply service removable thread lock to the sensor bolt.
6. Insert the bolt into a M8 hole in the machine.
7. Screw the sensor with 22 mm (0.87 in) torque wrench to 8 Nm torque.

With epoxy

4. Apply Epoxy to nut adapter surface.
5. Insert the bolt into a M8 hole in the machine.
6. Hand tighten the sensor.
7. Let the epoxy harden.

CASE 3

Attach BKV Collect 6 & 6 Ex directly to machine surface

Direct attachment between the BKV Collect 6 & 6 Ex and the machine surface minimizes the vibration transmission route for best measurement quality. It requires a flat surface of 32 mm (1.26 in) diameter and a hole for M8 bolt with 18.5 mm (0.73 in) of threading.

1. Clean the machine surface and apply silicon grease on it.
2. Apply service removable thread lock to the sensor bolt.
3. Insert the bolt into a M8 hole in the machine.
4. Screw the sensor with 30 mm (1.18 in) torque wrench to 8 Nm torque.

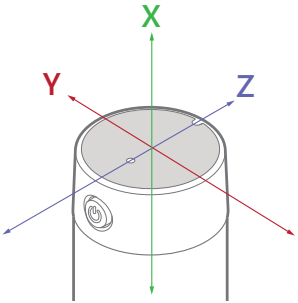
NOTE!
Manual alignment of the senor is not possible with this installation method.

9

Align the BKV Collect 6 & 6 Ex

For accurate interpretation of the measurement data, the centerline of the BKV Collect 6 & 6 Ex sensor is often aligned with the shaft of the rotating machine. This can be done by manually aligning the sensor with the shaft.

Manual alignment requires using the epoxy or glue mount adapter. After applying the fixative and hand tightening the sensor to the machine, align the sensor axis directly toward drive or non-drive end of monitored machine. Turn the sensor only clockwise.



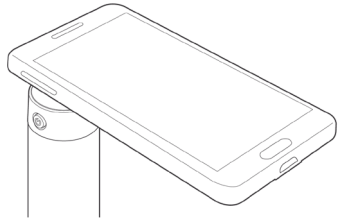
NOTE!
It is a good practice to use the Z-axis for measuring the axial vibrations. Therefore, align the Z-axis with the shaft of the drive.

10

Commission the BKV Collect 6 & 6 Ex

1. Go to BKV Deploy.
2. Select the asset on which the sensor will be mounted.
3. Select the component on which the sensor will be mounted.
4. Select **Register**.
5. Enter the S/N of the sensor, scan the QR-code or use the inbuild NFC reader on your mobile device.
6. Go to the home screen of the installation project and click on **Sync now** to synchronize your BKV Collect registration. To finish the installation project click on **Finish Project**.

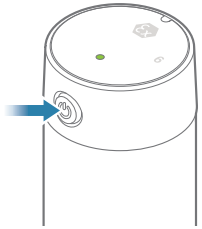
NOTE!
Finish your project only when all BKV Connect/Collect registrations are completed.



11

Switch on BKV Collect 6 & 6 Ex

Press and hold the power button until the status light turns green, then the status light goes off again.
The sensor is now on.
To switch the sensor off again, press the power button until the status light lights up red.
The status light then goes off again after a few seconds and remains off.



12

Verifying the Connection

To verify if the sensor is connected to the gateway, proceed as follows:

Press the power button briefly. The status light turns green (the sensor is on) and the status light goes off again.

The status light turns on a second time directly after that and lights up either:

Green: The sensor is connected to the gateway.

CONNECTED

Red: The sensor is not connected.

NOT CONNECTED

If the BKV Collect 6 & 6 Ex sensor is not connected even though the BKV Connect gateway has been powered on and the sensor has had time to establish the connection, the sensor may be too far away from the gateway, or the environment may be blocking the wireless connection.
In either case, the gateway needs to be moved closer to the sensor or an additional routing sensor can be added between the sensor and the gateway to help routing the data.

13

View your data

After you have installed and commissioned your devices, you can view your data in BKV BEYOND or in Setpoint CMS.

https://app.bkvbeyond.com/

Product info

Important
For important info on the safe use of your device, read the Safety Guide.

NORWAY. This device is not allowed to be used within a 20 km radius of the centre of Ny-Ålesund at Svalbard, Norway.

Power supply and cables BKV Connect 1
Use only the power supply unit provided together with the product. Do not use a USB cable longer than 2 m (6.56 ft) with the product.
No cables are supplied with the BKV Connect 2 and must be provided by the customer.

Maximum transmit power BKV Connect 1 & 2

Supported radio networks	Operating frequency bands	Max. transmitted radio-frequency power
LTE Cat M1	B2, B3, B4, B5, B8, B20	+23 dBm
LTE NB-IOT	B2, B3, B4, B5, B8, B20	+23 dBm
2G GPRS/EGPRS	B2, B3	+30 dBm
2G GPRS/EGPRS	B5, B8	+33 dBm
Wi-Fi	ISM 2.4 GHz	+17.3 dBm
Bluetooth LE/ Wirepas Mesh	ISM 2.4 GHz	+4 dBm

Operating environment BKV Connect 1

Use the gateway indoors only. Do not use in humid environments. The operating temperature range of the gateway is from 0 to +50 °C (+32 to +122 °F).

Operating environment BKV Connect 2

The product is dust and waterproof and it is designed for outdoor or indoor industrial environment, but it is not intended for continuous submersion. The operating temperature rang of the product is from -20 to +50 °C (-4 to +122 °F).
The enclosure is rated to IP67.

Operating frequencies BKV Collect 6 & 6 Ex:
2400MHz - 2483.5MHz

Maximum power BKV Collect 6 & 6 Ex:
+4 dBm

Battery BKV Collect 6 & 6 Ex
Battery type: 3.6V A lithium thionyl chloride (LI-SOCI2) bobbin cell primary battery. The battery is not replaceable. If the battery is empty, replace the BKV Collect 6 & 6 Ex.

WARNING!
- **Do not charge, short circuit, crush, dissemble, heat above 100 °C (212 °F), incinerate or expose the battery contents to water.**
- **Hazardous substances in batteries may have detrimental effects on the environment and human health.**
- **Dispose of the batteries in a professional way. Do not dispose batteries as unsorted municipal waste.**
- **For info on your nearest recycling point, check with your local waste authority.**

Operating temperature range BKV Collect 6 & 6 Ex

In normal environments:
-40 - +85°C (-40 to +185 °F)

In potentially explosive atmospheres:
-40 to +60°C (-40 to +140 °F)

CERTIFICATIONS

The following EU DECLARATIONS OF CONFORMITY show only exemplary the beginning of the respective declaration.
The original declarations can be found in the BKV Wireless Sensor Solution Instructions (C108377).

BKV Connect 1

Product name: Treon Gateway
Model number: 1111

EU DECLARATION OF CONFORMITY

Hereby, Treon Oy declares that the radio equipment Treon Gateway is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.treon.fi/documentation/

BKV Connect 2

Product name: Treon Gateway in Protective Enclosure
Model number: 1131
Contains Treon Gateway 1111.

EU DECLARATION OF CONFORMITY

Hereby, Treon Oy declares that the radio equipment Treon Gateway in Protective Enclosure is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.treon.fi/documentation/

BKV Collect 6

Product name: Treon Industrial Node 6
Model number: 2111
Variant 6k

EU DECLARATION OF CONFORMITY

Hereby, Treon Oy declares that the radio equipment Treon Industrial Node is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.treon.fi/documentation/

BKV Collect 6 Ex

Product name: Treon Industrial Node 6 Ex
Model number: 2111
Variant 6k Ex

ATEX/IECEx

EESF 21 ATEX 014X
IECEx EESF 21.0009X

II 2 G Ex ib IIC T4 Gb
II 2 D Ex ib IIIC T135°C Db
-40°C ≤ Ta ≤ +60°C | -40°F ≤ Ta ≤ +140°F

EU DECLARATION OF CONFORMITY

Hereby, Treon Oy declares that the radio equipment Treon Industrial Node is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.treon.fi/documentation/

Safety guide and Warranty

Introduction

Read these simple guidelines. Not following them may be dangerous or against local laws and regulations. For further information, read the BKV Wireless Sensor Solution Instructions and visit **www.bkvibro.com.**

Usage (BKV Connect 1+2)

The device must not be used without the finger guard of the power cable connector. Removing the finger guard may result in electric shock. The protective guard can only be removed by an authorized electrician when BKV Connect 2's power cable is unplugged from the wall outlet.

Do not cover the device, otherwise it will not work properly.

Safety distance

WARNING!
Radio Frequency / Magnetic Fields

- **Due to radio frequency exposure limits, the gateway should be installed and operated with a minimum distance of 20 cm (7.87 in) between the device and the user's body or nearby persons.**
- **Due to high-strength magnets of the sensors, a safety distance of 150 mm (5.9 in) from the surface of the magnetic mount adapter must be maintained.**

Interference with Medical Devices

The device may emit radio waves that can interfere with operation of nearby electronic devices, such as pacemakers, hearing aids, and defibrillators.

WARNING!
Interference with Medical Devices

- **If you have a pacemaker or other implanted medical device, do not use the device without first consulting with your physician or the manufacturer of your medical device.**
- **Keep a safe distance between the device and your medical devices and stop using the device if you experience persistent interference with your medical device.**

Damage

If the device is damaged, contact Brüel & Kjær Vibro GmbH. Only qualified personnel are allowed to repair the devices.

Care and maintenance

Handle your device with care. The following suggestions help you keep your device operational.

- Do not open the device other than as instructed in the user guide.
- Unauthorized modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break it.
- Only use a soft, clean, dry cloth to clean the surface of the device. Do not clean the device with solvents, toxic chemicals or strong detergents as they may damage your device and void the warranty.
- Do not paint the device. Paint can prevent proper operation.

The BKV Collect 6 Ex is dust and splash proof. However, it is not recommended to immerse it in water.

Storage

Always store and use the device with covers attached.
The storage temperature of the BKV Collect 6 & 6 Ex is +0...+30°C (+32...+86°F).

Small children

Your device is not a toy. It may contain small parts. Keep them out of the reach of small children.

Recycle

Check the local regulations for proper disposal of electronic products.

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life. The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The crossed-out wheelie-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority.

WARRANTY AND SOFTWARE LICENSE AGREEMENT

By using BKV Connect, you are agreeing to be bound by the terms of BKV Software License Agreement, unless you return BKV Connect as part of the return policy.

Refer to:
BKV Connect Software License Agreement
Brüel & Kjær Vibro GmbH, May 2023

QUICKSTART GUIDE, C108376 / V04, EN

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