![ABB logo]

ABB-tacteo® KNX

The individual touch

⊕

- **Capacitive KNX glass sensor**
- **Individually configurable as desired**
- **Extremely flat design**
- **Secure access control for the hotel and hospitality industry**

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ABB-tacteo® KNX is a freely configurable KNX sensor for intelligent building control in high-end hotels, residential buildings, offices and public buildings.
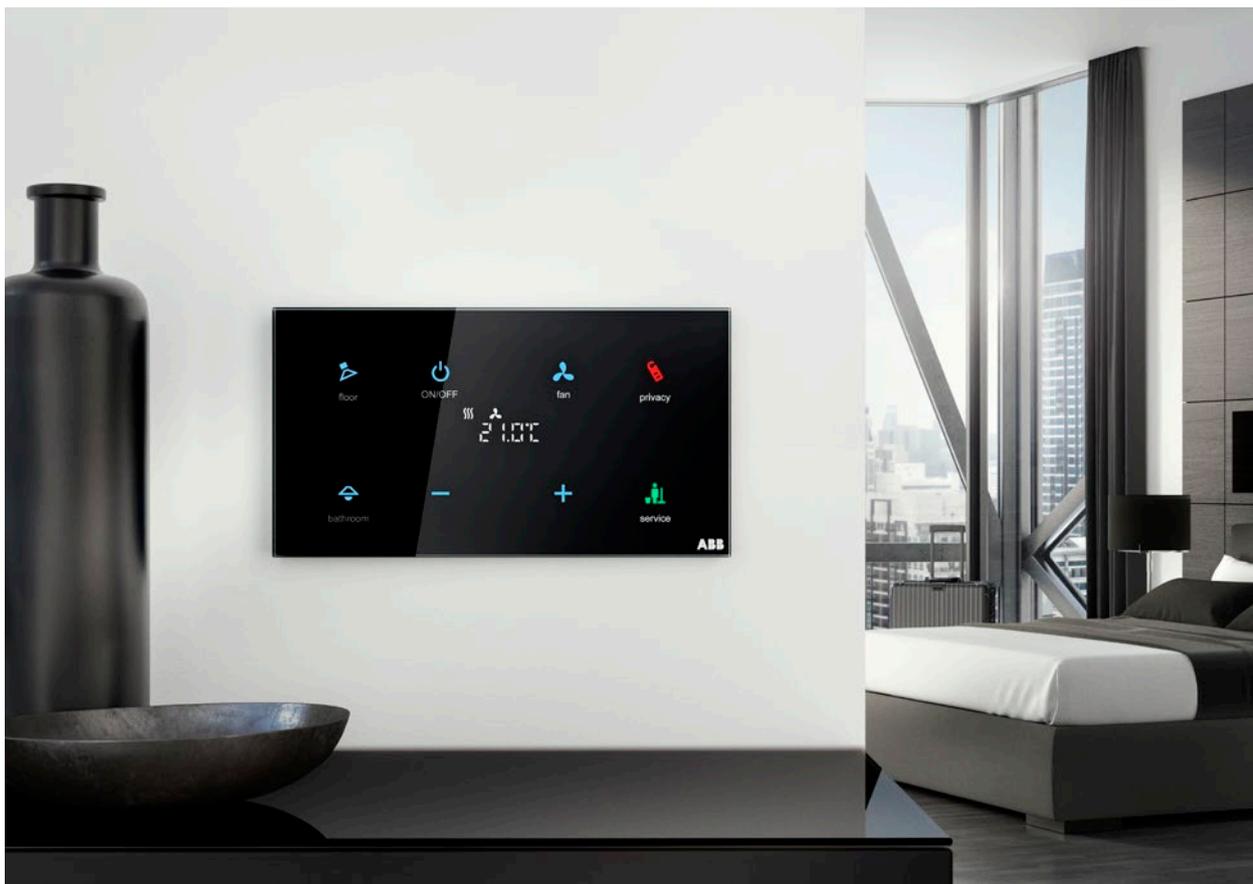
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abb.com/tacteo

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For the most discerning tastes
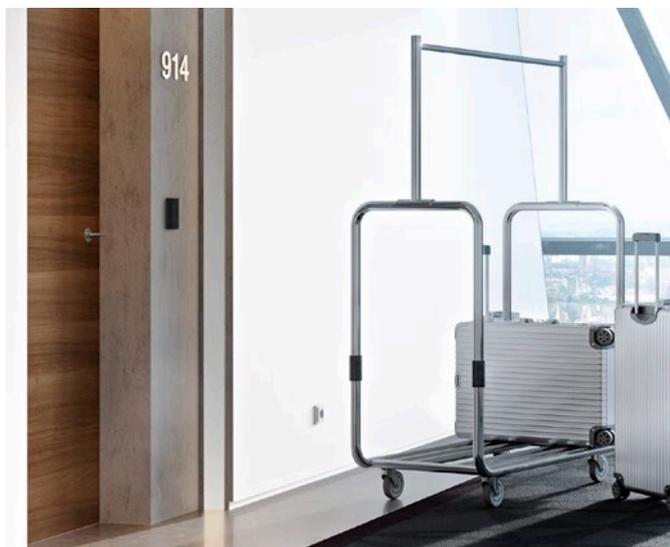## KNX glass sensors

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01 ABB-tacteo® KNX combines maximum functionality with a personal atmosphere.

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02 Thanks to integrated access control, especially for first-class hotels.

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03 And for individual living spaces with high standards of design.

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01

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02

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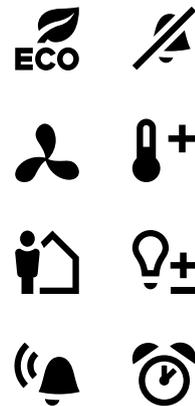Which functions do you need? Make a selection with our configurator.

—
03

Intelligent control that adapts to your individual needs.

The ABB-tacteo® KNX sensor is a capacitive control element for the intelligent building automation of high-end luxury hotels, offices and public and residential buildings.

ABB-tacteo® KNX meets all the requirements that a modern design demands – the highest levels of quality and above all comfort: from blinds, lighting and heating to media and access, everything is easy to control.

Are you an architect planning a building with maximum functionality and a personal touch? Do you desire a modern home that is as individual as you are? Design your KNX sensor with the ABB-tacteo® configurator, completely as you like. The number of functions is variable and can be determined according to your specific needs and wishes. Individually configured as required, each sensor is unique in design and function.

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Symbols for every occasion and every taste.

A smart sensor for everything
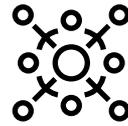## Advantages for you at a glance

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The extra-flat KNX sensor fits
into any environment

Flat and theft-proof
The frameless and extra-flat KNX sensor with a
diameter of 9.5 mm sits almost flush with the wall
and blends harmoniously into any wall design.
Peace of mind is provided by the optional removal
guard, which protects the KNX sensor from theft.

Secure access control
for the hospitality industry

Hotel access control
The ABB-tacteo® KNX range offers secure access control for the hospitality industry. It is particularly practical that the sensor performs all of a hotel's management tasks, which can be controlled from a central point such as the reception desk.

The capacitive glass sensors
react without contact

Intuitive operation
The capacitive KNX glass sensors react without any touch or contact. When moving your hand towards the sensor, the status lighting switches on automatically. On the other hand, touching the sensor with the entire palm of your hand triggers a preprogrammed function – such as "switching on the light". With a tap of the finger the desired function can be activated. Easy operation is also ensured by the tried-and-tested colour control concept.
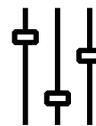
Unique in design and function
Configure your sensor exactly as you want it

—

Design your own individual
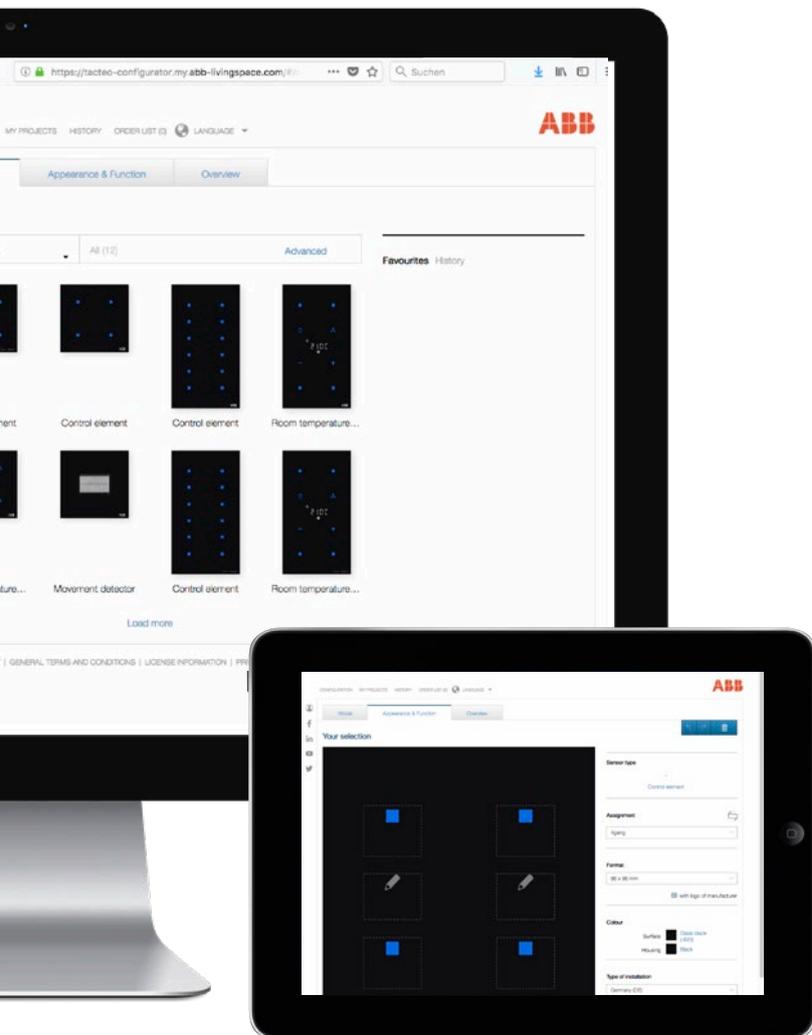KNX sensor with the ABB-tacteo®
configurator

Configurator
You can just have a look without logging in –
you only need an account if you want to make
a purchase. The configurator can be found in
the MyBuildings portal powered by ABB Ability
or directly at: tacteo-configurator.my.abb-living-
space.com

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Configure
your sensors

Here you have the opportunity to configure your
sensor just as you like it. If you need some sup-
port at this stage, check out the "This is how it
works" section which will help you.

Save your sensor and get your unique design ID

Once you have finished configuring your sensor, save it and attach it to a project. An individual design ID will then be generated.

Add the sensor to the parts list

Once you have configured all sensors belonging to a project, go to the project and add the sensors to your list of parts. The parts list can be published in Excel or PDF format or printed immediately. It contains all important information: most importantly, your design ID.

Forward the list to your wholesaler

Take or send the parts list to your wholesaler. You don't need to do anything else.

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Which functions do you need? Make a selection with our configurator.

Product overview
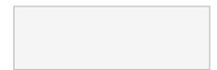# Elements and device sizes

Devices, symbols and descriptions for every occasion.

Here you will find all control elements that can serve as the basis for your configuration. Select the appropriate sensor in the configurator and add symbols and descriptions according to your requirements.

Colour options

Black glass

White glass

On-off

Lighting

Current desired temperature

Lighting

Minus

floor   ON/OFF   fan   privacy

bathroom   —   +   service

Fan

Do not disturb

Unit display

Cleaning
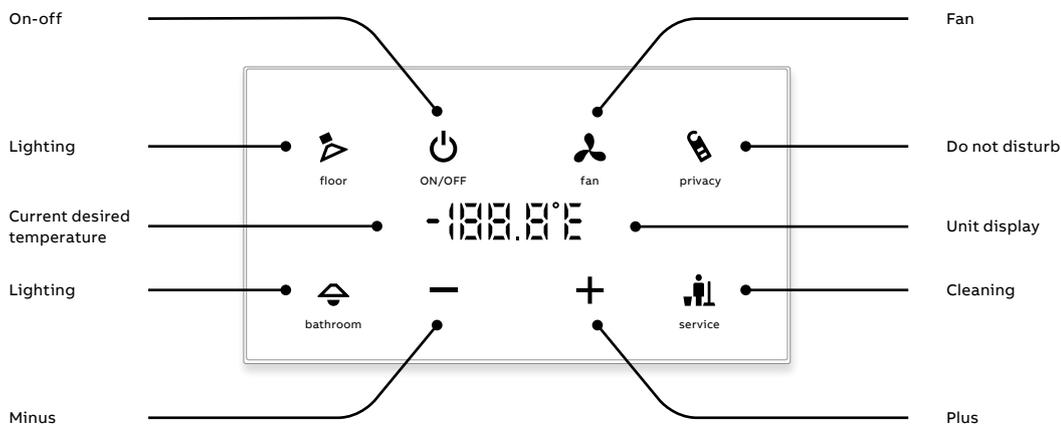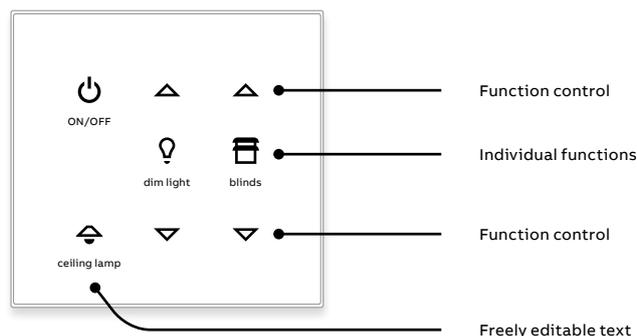
Plus

—
A typical configuration example for a sensor in a hotel application.

—
Unlimited possibilities – all texts, colours and icons for a variety of different functions can be freely edited using the ABB-tacteo® configurator.

ON/OFF

dim light   blinds

ceiling lamp

Function control

Individual functions

Function control

Freely editable text

One symbol control panel

—
Available sizes of the
control panel with one
integrated function.

86 × 86
TB/U1.1.1-CG

115 × 86
TB/U1.2.1-CG

86 × 115
TB/U1.3.1-CG

Two symbol control panel

—
Available sizes of the
control panel with
up to two integrated
functions.

86 × 86
TB/U2.4.1-CG

86 × 86
TB/U2.5.1-CG

86 × 115
TB/U2.7.1-CG

115 × 86
TB/U2.8.1-CG

Four symbol control panel

—
Available sizes of the
control panel with
up to four integrated
functions.

86 × 86
TB/U4.4.1-CG

86 × 86
TB/U4.5.1-CG

86 × 115
TB/U4.7.1-CG

115 × 86
TB/U4.8.1-CG

Six symbol control panel

—
Available sizes of the
control panel with up
to six functions.

86×86
TB/U6.4.1-CG

86×86
TB/U6.5.1-CG

86×115
TB/U6.7.1-CG

115×86
TB/U6.8.1-CG

Twelve symbol control panel

—
Available sizes of the
control panel with up
to twelve functions.

86×157
TB/U12.7.1-CG

157×86
TB/U12.8.1-CG

Four symbol control panel with room temperature control

—
In addition to the
four symbols for
room temperature
control, an additional
four functions can
also be integrated.

86×157
TBR/U4.7.1-CG

157×86
TBR/U4.8.1-CG

Room temperature control

—
In addition to the fixed control buttons plus and minus, two functions can additionally be selected from the room temperature control category.

86 × 86
TR/U.1.1-CG

86 × 115
TR/U.2.1-CG

115 × 86
TR/U.3.1-CG
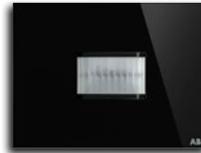
Motion detector Watch dog 180°

—
Motion detectors available in a variety of sizes.

86 × 86
TBW/U.1.1-CG

86 × 115
TBW/U.2.1-CG

115 × 86
TBW/U.3.1-CG

Room outside sensor

—
External room sensor in a variety of formats with up to three functions.

86 × 86
TA/U3.1.1-CG

86 × 115
TA/U3.2.1-CG

115 × 86
TA/U3.3.1-CG

Room outside sensor with card reader

—
External room sensor
with card reader in a
variety of sizes and with
up to three functions.

86×86
TLM/U.1.1-CG

86×115
TLM/U.2.1-CG

115×86
TLM/U.3.1-CG

....

Card holder

—
Card holder for
unprogrammed
MIFARE cards.

86×86
TKK/U.1.1-CG

115×86
TKK/U.3.1-CG

....

Universal card holder

—
Card holder for
preprogrammed
MIFARE card settings.

86×86
TKM/U.1.1-CG

115×86
TKM/U.3.1-CG

Room outside sensor with room number

—
External room sensor
with room number and
up to three functions.

86×157
TSN/U.2.1-CG

Room outside sensor with card reader and room number

—
External room sensor
with card reader and
room number with up
to three functions.

86×157
TSM/U.2.1-CG

ABB

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