



# 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](http://abb.com/tacteo)**

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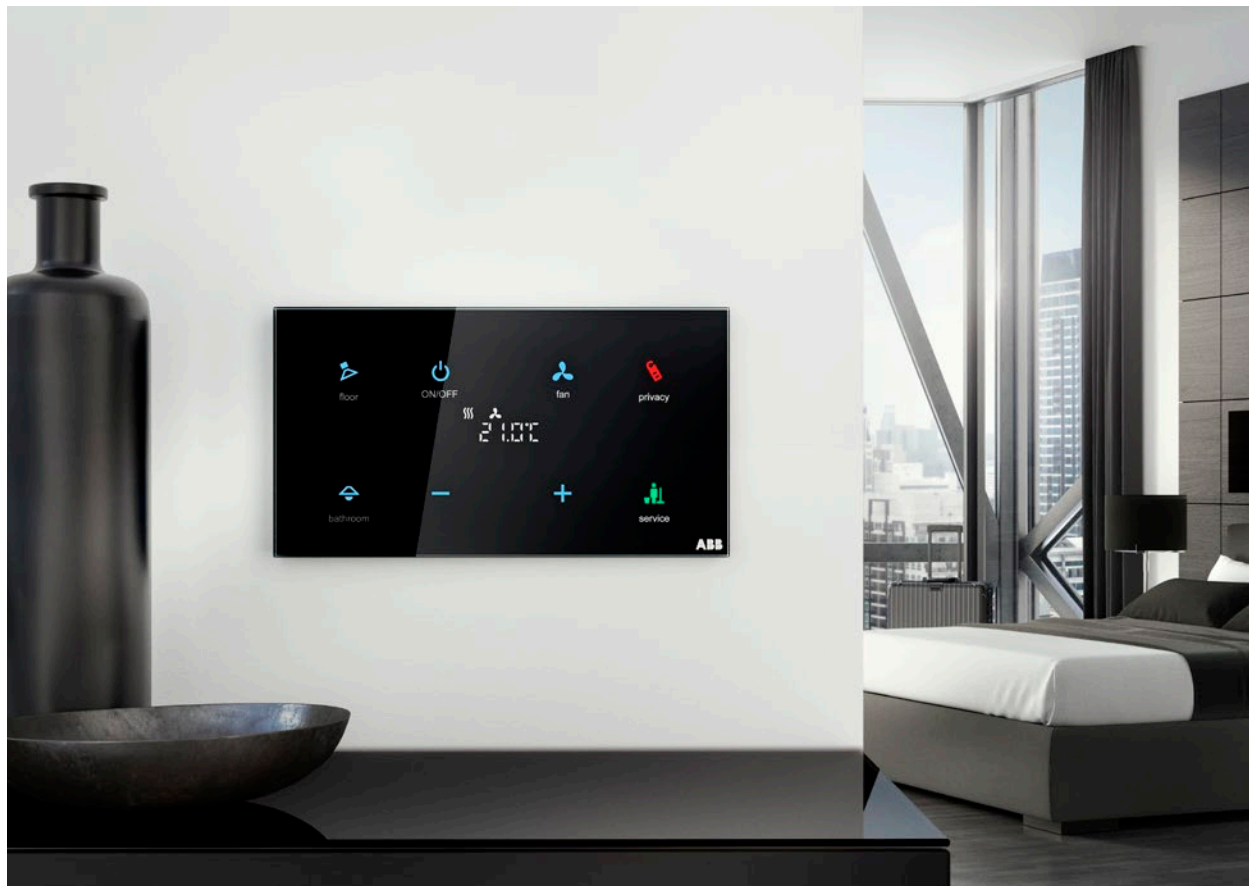
# For the most discerning tastes

## KNX glass sensors

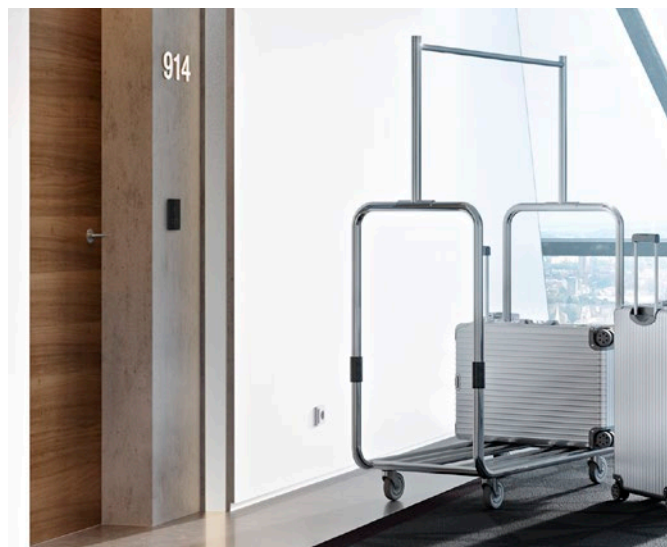
— 01 ABB-tacteo® KNX combines maximum functionality with a personal atmosphere.

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

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



— 01



— 02



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



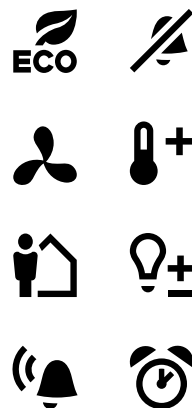
—  
03

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.

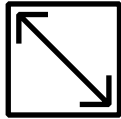
Are you an architect planning a building with maximum functionality and a personal touch? Do you desire a modern home that is as individual as you are? Design your KNX sensor with the ABB-tacteo® configurator, completely as you like. The number of functions is variable and can be determined according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



—  
Symbols for  
every occasion  
and every taste.

# A smart sensor for everything

## Advantages for you at a glance

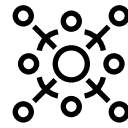


—  
The extra-flat KNX sensor fits  
into any environment

### **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

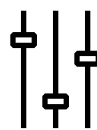
Configure your sensor exactly as you want it



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

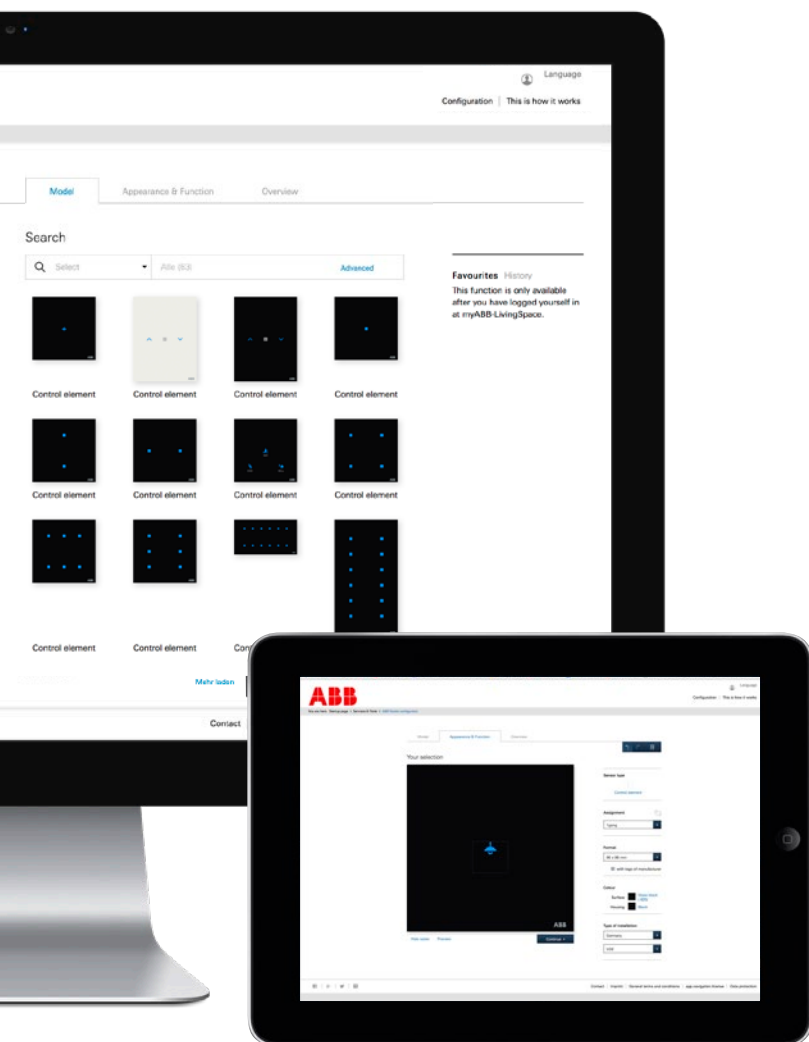
## Configurator

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 my ABB Living Space® portal or directly at: [tacteo-configurator.my.abb-livingspace.com](https://tacteo-configurator.my.abb-livingspace.com)

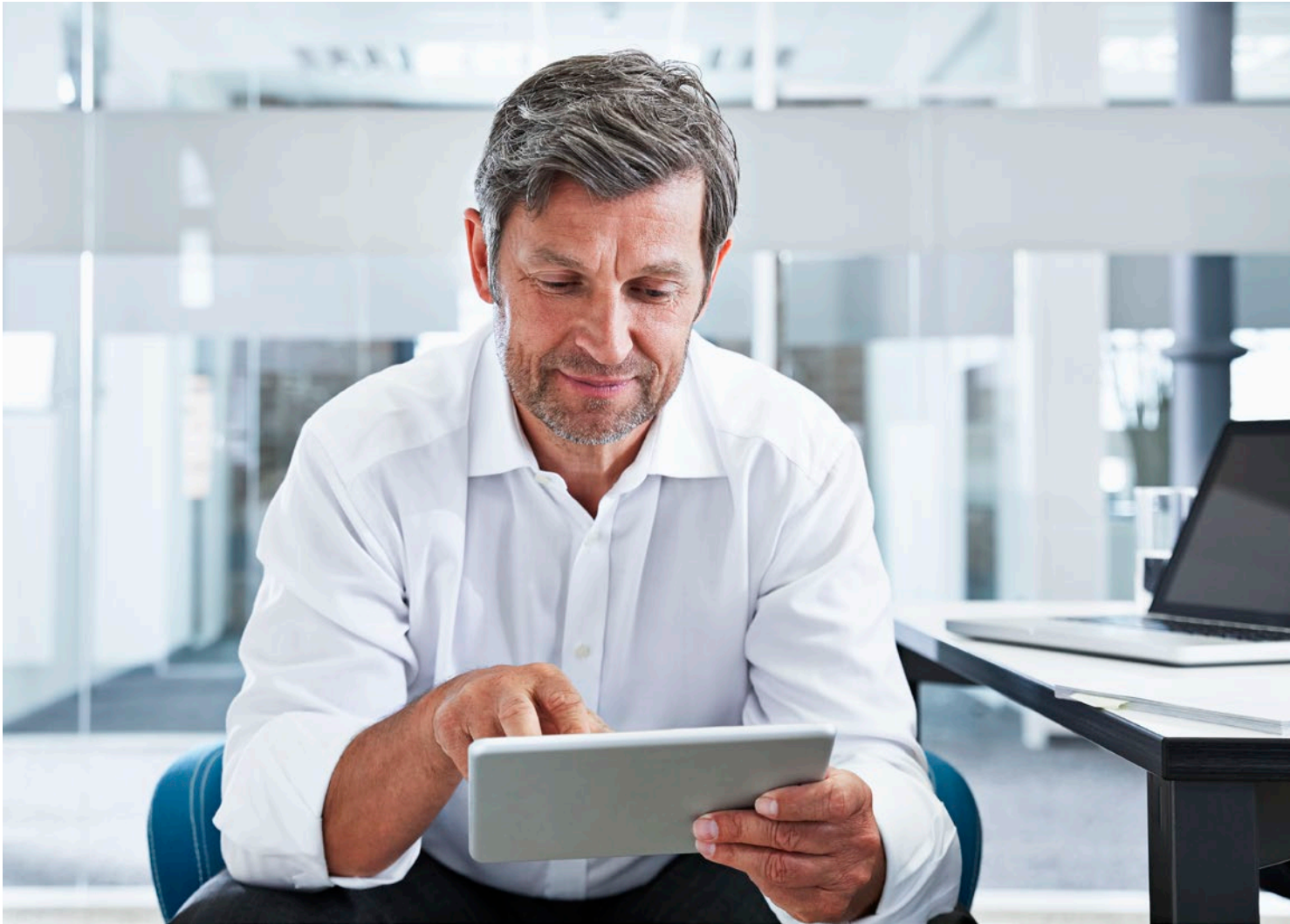


Configure your sensors

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

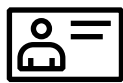






—  
Save your sensor and get your unique design ID

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.



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

# Product overview

## Elements and device sizes

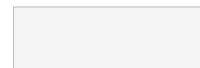
Devices, symbols and descriptions for every occasion.

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.

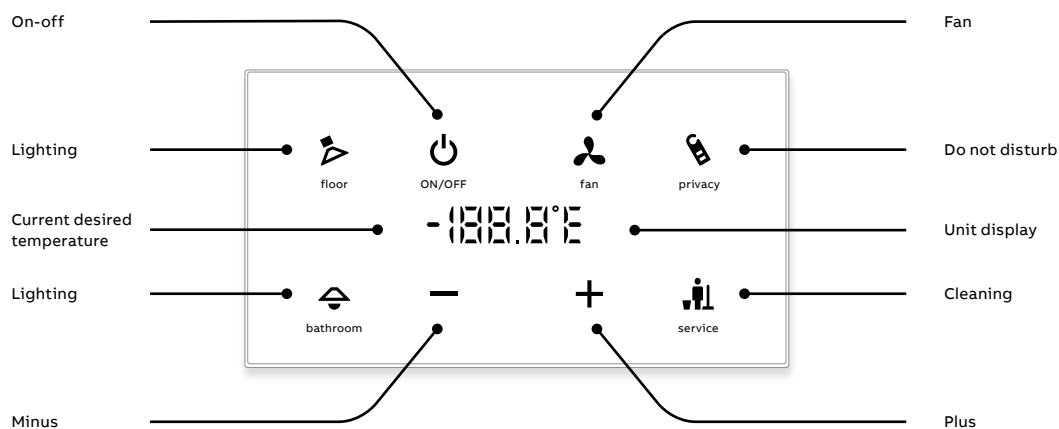
### Colour options



Black glass

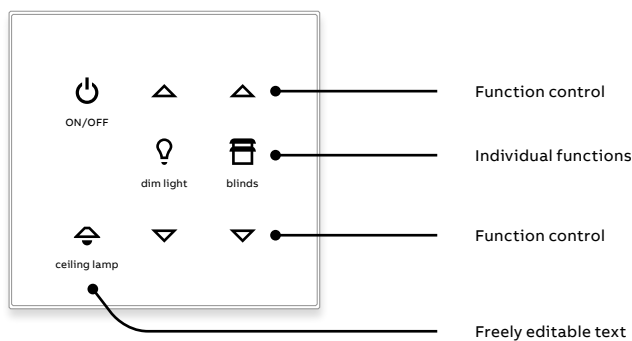


White glass



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.



### One symbol control panel

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



86 × 86  
TB/U1.1.1-CG



115 × 86  
TB/U1.3.1-CG



86 × 115  
TB/U1.2.1-CG

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### 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 × 115  
TBR/U4.8.1-CG



115 × 86  
TBR/U4.7.1-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/U6.8.1-CG



115 × 86  
TB/U6.7.1-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  
TB/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.3.1-CG



115 × 86  
TR/U.2.1-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.3.1-CG



115 × 86  
TBW/U.2.1-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/U3.3.1-CG



115 × 86  
TA/U3.2.1-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.3.1-CG



115 × 86  
TLM/U.2.1-CG

### Card holder

— Card holder for unprogrammed MIFARE cards.



86 × 86  
TKK/U.1.1-CG



115 × 86  
TKK/U.2.1-CG

### Universal card holder

— Card holder for preprogrammed MIFARE card settings.



86 × 86  
TKM/U.1.1-CG



115 × 86  
TKM/U.2.1-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

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### 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



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