



theben

Smart automation
Intelligently networked
KNX home and building automation



Building Automation since 1921



More comfort.
Greater efficiency. More
Theben KNX

Control buildings more intelligently with Theben and KNX

Room climate, lighting, blinds, heating, and ventilation: with KNX from Theben, all functions can be controlled flexibly, efficiently, and conveniently.

Thanks to open standards, the system is future-proof and can be expanded at any time. DALI gateways connect KNX with modern lighting control, while KNX Secure reliably protects sensitive data.

Since 1992, Theben has been actively involved in KNX development as a member of the Executive Committee and Technology Committee of the KNX Association. In 2019, Theben was the first manufacturer to launch KNX wireless actuators with KNX Data Secure.

Whether it's a new build or a modernization project – if you choose KNX, choose Theben.

- ✔ Comprehensive portfolio for wired (KNX-TP) and wireless (KNX-RF) solutions
- ✔ Design-oriented control and sensor elements
- ✔ DALI-2 certified gateways and actuators
- ✔ Over 80 products with KNX Data Secure and KNX IP Secure
- ✔ Presence and motion detectors for every installation situation
- ✔ Decades of experience in switching and dimming LEDs

Best in all weathers

Meteodata weather station

The Meteodata weather station offers the perfect combination of function and aesthetics. Thanks to its transparent housing, it blends harmoniously into any façade, whether wood, concrete, or fiber cement. The wind turbine registers wind regardless of wind direction and measures wind speed even in icy and snowy conditions. The capacitive rain sensor reliably detects precipitation even when dirty.

Three light sensors measure the position of the sun from three directions. Blinds can be controlled on up to eight facades as

needed. The automatic sun tracking function adjusts the slats of the blinds or the height of the roller shutters/awnings to the current position of the sun. The temperature sensor is located outside the housing and provides precise measurements.

The Meteodata weather station is available in many versions: from the basic version without a rain sensor to devices with an integrated GPS receiver and the 24 V version.



Meteodata automatically calculates the position of the sun and the angle of incidence of sunlight and records wind, rain, brightness, and temperature. It provides all the data required for fully automatic blind and sun protection control for up to eight facades. Includes sun tracking. The weather data is recorded and evaluated directly in the device.

The position of the slats is automatically adjusted to the sun's path. This allows you to maximize daylight without any annoying glare.

For effective glare protection with sun tracking



Reliable sun position detection



Precise temperature measurement



Capacitive rain measurement



Direction-independent wind measurement



White paper "Meteodata weather station" Download now for free

Find out how you can make your customers' lives more comfortable with Meteodata and increase your revenue in the process in our free white paper.

Read about how the Meteodata weather station works and how you can benefit from it:

- All features and benefits at a glance
- Practical examples
- Important information

www.theben.de/meteodata-en



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Subject to technical changes and
improvements.

