



Based on the latest innovations, the wireless Pro dual Proxima® solution offers a reliable, fully battery-operated MESH network for energy renovation projects, inner air quality improvements, spatial adaptations of buildings, the efficiency of space utilisations or other smart office requirements.



We have expanded our wireless Pro dual MESH network with battery-powered Proxima TM-WTR-CO2 transmitters for ever-broader wireless monitoring, with extended battery life. A low-latency network allows using the wireless measurements also for demand-based controlling purposes through the BMS system.

Additionally, wireless Proxima TM-WTR-AK advanced setpoint knob models are now available for implementing a wireless user interface in the room.



The new Pro dual Proxima® TM-CU-LH control unit family suits perfectly for various building automation applications with its multifunctional inputs/outputs. DIN rail mounting is possible, and the design allows time savings in installation with plug-in terminals and fewer screws. The IP44 rating makes the unit suitable also for ventilated false ceilings. Proxima TM-CU-LH-MOD and BTL-certified Proxima TM-CU-LH-BAC control unit models allow flexible adaptation to various system demands. Together with our wide selection of room units, you can implement easy-to-use, premium class applications or simple yet stylish room solutions.



Our all-in-one TM-TRC touchscreen room controllers are designed for both small stand-alone installations and to be connected to BMS systems via Modbus and BACnet, and they come now also with a 230 V power supply. The new TRC-P room controller model includes a built-in real time clock and a 7-day schedule for switching the operating mode between Comfort, Economy, OFF (frost protection), and Boost modes. The TM-TRC controller family is available in black, chrome, and white design.





Interoperability is playing an increasingly important role in building automation, as ever more intelligent devices and systems provide a wealth of useful and predictive data. We have an extensive portfolio of Modbus and BACnet products available and are continuously expanding our range of communicative products to help in creating an ever clearer total picture of the buildings' performance.



A full range of BACnet room transmitters is now available for building automation measurement. The multi-sensor TM-RTE-BAC, TM-RRH-BAC, TM-RCD-BAC, and TM-RLL-BAC models are designed for monitoring temperature, humidity, CO2 with automatic calibration, light level, and occupancy, and can be used as stand-alone or as a part of the BMS system via BACnet MS/TP communication. The transmitters are available with a variety of options for functionality requirements in various projects. The transmitters can also operate as controllers modulating analogue outputs, for example.



The BACnet multi-I/O-modules TM-DIO4-BAC-DIN, TM-IO10-BAC-DIN, and TM-IO10-BAC-DIN-AI are ideal for reading digital, analogue (0...10 V) and resistive inputs and controlling digital and analogue 0...10 V outputs using BACnet communication. The input/output modules support standard BACnet objects and device discovery and are either wall or DIN rail mounted.



The TM-RI-BAC room unit provides a room control interface for use with controllers and BMS systems. The units have a BACnet MS/TP bus connection, built-in temperature sensor, and backlit display showing the system status. The humidity or CO2 measurement and number of push-button versions for user adjustments are available as an option.



Configuration backup and replication of Proidual BACnet transmitters is carried out via Windows software, with TM-SW-DCT-USB configuration cable.

