°C

CO₂

VOC

% rH

% rH

IAQ

PIR

CO₂

PIR

°C

MEASURE TO OPTIMISE YOUR ROOM

pd PRODUAL PROXIMA

PRODUAL

RTX　　**RTX-CO2**　　**RTX-PIR**　　**RTXB**

The MyTool dongle enables Bluetooth commissioning for all Proxima RTX products

PRODUAL
MyTool®

Easy installation and commissioning via the MyTool app on both Android and iOS

MyCloud

Manage configurations, devices, installations, and projects, share files with colleagues, and pre-configure devices

Produal Proxima® RTX – THE NEW ERA OF ROOM TRANSMITTERS

Elevate the efficiency and intelligence of your building automation systems with our state-of-the-art Proxima RTX room transmitter. Providing excellent accuracy, the RTX meets all building certification and rating system requirements for measurement accuracy.

Proxima RTX room transmitters provide improved CO_2, humidity, temperature, and VOC measurement as well as motion detection (PIR).

Multifunctionality is our middle name, and accuracy our second nature. All the reliable measurements and a wide range of versatile feature options can be combined into a single product when desired - topped with a built-in

functionality for single-sequence control for heating/cooling or ventilation.

Proxima RTX's new properties are not limited to improved measurements and physical upgrades. One of the most significant benefits is the use of the handy MyTool app on both Android and iOS. You can manage device configuration and updates and, for example, facilitate mass

installation of transmitters through your standard mobile device.

Make the most of the enhanced measurement capabilities now!

It's reliable and **ACCURATE.**

Known for accuracy and reliability

Measurements to build upon

With improved sensor properties, Proxima RTX offers the perfect solution to comply with, for example, the demanding measurement requirements of certification and rating systems for sustainable and healthy buildings.

Ensure the success of your building automation system with appropriate measurements. We are known for accuracy and reliability that you can build upon.

Patent pending

Compliant with
- LEED certification
  ANSI/ ASHRAE Standard 62.1-2022
- RESET grade B
- WELL Building Standard® (WELL v2™)

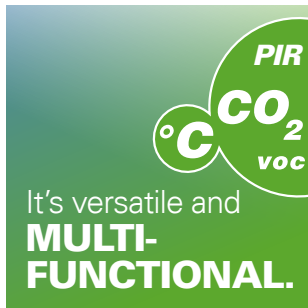

It's visual and **EFFORTLESS.**

Enhanced commissioning

The Produal MyTool® is more powerful than ever

Available on both Android and iOS, the completely redesigned MyTool mobile app provides ever more possibilities to manage and control your RTX products. Visualised device management gives a clear understanding and makes building even the most complex setups effortless.

Browser-based device management coming in 2024!

It's versatile and
MULTI-FUNCTIONAL.

One product, multiple purposes

Versatility for all your room applications

Whether you want to maintain ideal room temperature, ensure healthy air quality, or monitor occupancy, the multi-sensing Proxima RTX has got you covered. Additionally, versatile built-in features and wide connectivity options make the RTX a valuable tool for your room applications.

CO2
40 ppm +2%, 400…5000 ppm, ABC calibration. Advanced sensing technology for consistency to ensure well-being of building users. Long-term stability also suitable for passive house projects.

Temperature
Improved heat management for accuracy to ensure optimal conditions.

Humidity
Relative and absolute humidity measurement for comfort, health and preservation.

PIR movement sensor
Integrated motion sensing making energy savings and security easier than ever.

VOC
VOC measurement option for detecting hazardous gas emissions, to prevent health hazards and unpleasant smells indoors.

Wide connectivity options
Built-in support for flexibility and seamless integration with existing or new devices and systems.
Up to 4 analog, freely configurable 0…10 V voltage outputs.
Modbus RTU or BACnet MSTP communication.

Standalone control option ensuring optimal energy use without compromising comfort
Built-in P, PI controller and MAX control function facilitate standalone control for VAV systems and a range of cooling and heating applications.

Expandable sensing
Universal input enables connecting external transmitters and sensors to broaden your monitoring and control capabilities.

Visual indicators
Stay informed about the status of your system at a glance with an RGB LED, or use the light guide option to indicate the air quality of the space.

Relay functionality
Integrate and control other devices directly with the 24 V and 1A relay options, making your building automation more coherent and unified.

Ease of configuration
The MyTool Dongle allows management and configuration of the Proxima RTX settings conveniently over Bluetooth with the MyTool mobile app, on both Android and iOS devices.

Integrated with the Produal Product Life Cycle Platform
Every RTX isn't just a product; it's a journey. Be with your device every step of the way, from the design phase to its operational life cycle. This comprehensive platform ensures that users can maximise the value and efficiency of their RTX devices throughout their entire lifespan.

Select Proxima RTX or RT based on your requirements

In the broad field of building automation, where a delicate balance between functionality and accuracy is paramount, we bring you two trimmed solutions: the advanced RTX and the streamlined RT transmitters. Both are designed to meet specific needs and ensure optimal conditions in every room. Choose the one that best fits your project's needs!

	RTX-CO2	RT-CO2
Temperature accuracy	0.3c	0.5c
Humidity accuracy	2%	2%
CO_2 accuracy	40ppm +2%	50ppm + 3%
CO_2 range	0-5000	0-2000
Applicable without ABC calibration	Yes	No
P/PI Control loop	Yes	No
Analog outputs	Up to 4	3
Universal input	Yes	No
BACnet MSTP	Optional	Optional
Modbus RTU	Optional	Optional
Option to overwrite outputs via Modbus	Yes	No
Calibration certificates available (€)	Yes	No
Warranty	5 years	5 years
VOC option	Optional	No
PIR movement option	Optional	No
Indoor air quality indicator option (LED)	Optional	No
Humidity measurement	Optional	Optional
Humidity mixing ratio	Yes	No
Enthalpy (Humidity)	Yes	No
Dew point calculation	Yes	No
Absolute humidity	Yes	No
Temporary overdrive for testing	Yes	Yes
Measurement correction	Yes	Yes
MyTool support	Yes	Yes
Option to update firmware	Yes	Yes
Produal lifecycle support	Yes	Yes
Pre factory configuration	Yes	Yes
CU/CU-LH compatible	Yes	Yes

Produal
Proxima® RTX

*Next era of our wired
room transmitters*

PROXIMA RTX

The advanced RTX room transmitter stands for accuracy and multifunctionality for indoor environment monitoring. Offering top accuracy in temperature and CO_2 measurement, providing humidity and VOC measurement, as well as PIR detection, the device fulfils all your measurement needs. Universal input for external data collection and multiple analog outputs make measurement data accessible, actionable, and useful, and the onboard PI controller represents integrated intelligence. With built-in support for Modbus RTU and BACnet MSTP protocols, integration into existing systems is a breeze.

Modbus BACnet™ 0-10V

PROXIMA RT

Our RT room transmitter is a streamlined solution to focus on reliable temperature and CO_2 monitoring, with a humidity measurement option. You can choose connectivity options based on your system's requirements between analog, Modbus, or BACnet communication. Designed to cater to your specific needs, the RT transmitter ensures that every space can achieve optimal conditions.

Modbus BACnet™ 0-10V

PRODUAL MYTOOL® APPLICATION

MYTOOL CONNECT BLUETOOTH DONGLE

Produal MyTool®

Enhanced effortless commissioning

The dedicated MyTool mobile app is designed for the configuration and management of your field devices. Users can effortlessly manage installation projects, utilise ready-made installation configurations, and take advantage of new device features as they become available. All new Produal devices can be updated to the latest firmware version using the MyTool application.

Available for download via Google Play and the Apple App Store. Browser-based device management coming in 2024.

MyTool Connect is a Bluetooth converter for all Produal devices that do not come with a Bluetooth connection. You can also use the dongle to power up the device for commissioning.

MyTool Connect supports Proxima RTX and Proxima RT transmitters, and Proxima CU-LH control unit.

Redesigned MyTool Connect coming in 2024!

GET IT ON
Google Play

Download on the
App Store

PRODUAL

For over 35 years, Produal has been your reliable partner for high-quality building automation measurement and control. In the realm of building automation, the delicate balance between precision and functionality is paramount. Now, the new era of room transmitters has begun: you can elevate your building automation systems' efficiency, comfort, and intelligence with our state-of-the-art Proxima RTX!

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