

Mesh technology
(AIR & AIRCON)

12 – 24 VDC
POWER SUPPLY
(AIRCON & WIRECON)

UART
COMMUNICATION INTERFACE



5 – 12 VDC
POWER SUPPLY
(AIR)

hywise^o Air / AirCon / WireCon

THE INTERFACES

The hywise Air, AirCon, and WireCon communication modules connect sensors and actuators to hywise Gateway. Depending on the model, the connection is made wirelessly or via CANopen. Thanks to mesh technology, each module serves automatically as a repeater, ensuring a secure and extensive network.

Devices with a UART interface can be integrated into the water management system using **hywise Air**. This applies to each of our TLI and TLC products. In addition, establishing a point-to-point connection to a smartphone or tablet is also possible.

Apart from the UART interface, **hywise AirCon** offers various inlets and outlets for reading sensors and controlling actuators. The integrated battery permits AirCon to transmit sensor data to places that are beyond the reach of cables.

hywise WireCon has the same features as AirCon, except that the connection to hywise Gateway is established via CANopen.

CONNECTIVITY

Integration of sensors and actuators into the hywise water management system

Connection to smartphone or tablet via the hywise lite app

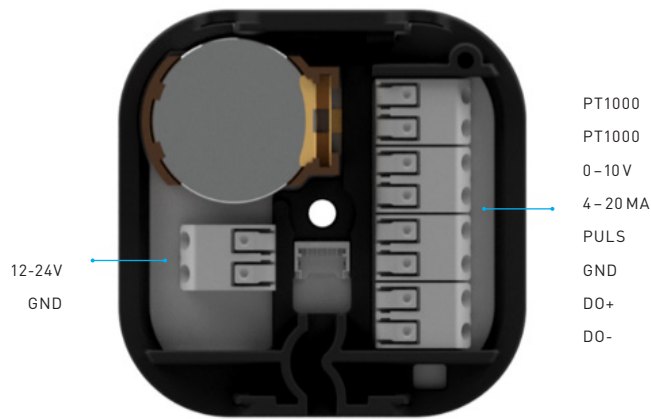
WIRED OR WIRELESS CONNECTION

Communication via wireless mesh network or CANopen

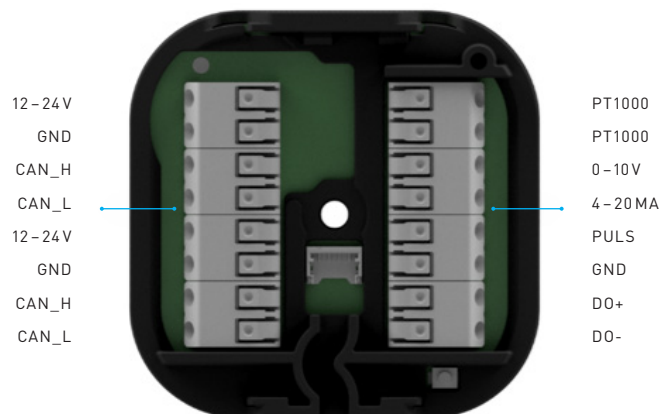
STAND-ALONE OPERATION

Thanks to the integrated battery

AirCon



WireCon



Specifications

hywise Air

TECHNICAL DATA

POWER SUPPLY

5-12 VDC

IN

15 mA

WIRELESS RANGE

20 m

INTERFACE

RGB LED Hall sensor

COMMUNICATION INTERFACE

UART

FUNCTIONALITY

Includes hywise and Bluetooth 5

DIMENSIONS

36 × 26 × 8 mm

hywise AirCon

TECHNICAL DATA

POWER SUPPLY

12-24 VDC

IN

40 mA

WIRELESS RANGE

20 m

INTERFACE

RGB LED push button

COMMUNICATION INTERFACE

UART

A/D INTERFACE

PT1000, 4-20 mA, 0-10V, pulse, digital output (2 W)

BATTERY OPERATION

PT1000

BATTERY TYPE

CR2032

FUNCTIONALITY

Includes hywise and Bluetooth 5

DIMENSIONS

50 × 50 × 13 mm

hywise WireCon

TECHNICAL DATA

POWER SUPPLY

12-24 VDC

IN

110 mA

INTERFACE

RGB LED push button

COMMUNICATION INTERFACE

UART

A/D INTERFACE

PT1000, 4-20 mA, 0-10V, pulse, digital output (2 W)

FUNCTIONALITY

Includes hywise and CANopen

DIMENSIONS

50 × 50 × 13 mm