

## Room Control Panel with Temperature Sensor



### ETFWP-998

- Room temperature
- Set-point shifter
- Wall mounting
- PT-1000 sensor
- OJ-GreenZone™ compatible

**ETFWP-998 is designed to give users the ability to make fine adjustments to a room's temperature.**

**ETFWP-998 is attached to a room temperature regulator and has a built-in potentiometer and the PT-1000 room temperature sensor.**

**ETFWP-998 can be used, for example, together with OJ-GreenZone™ zone modules in hotels, office buildings, shops or kindergartens.**

#### **Increased user satisfaction**

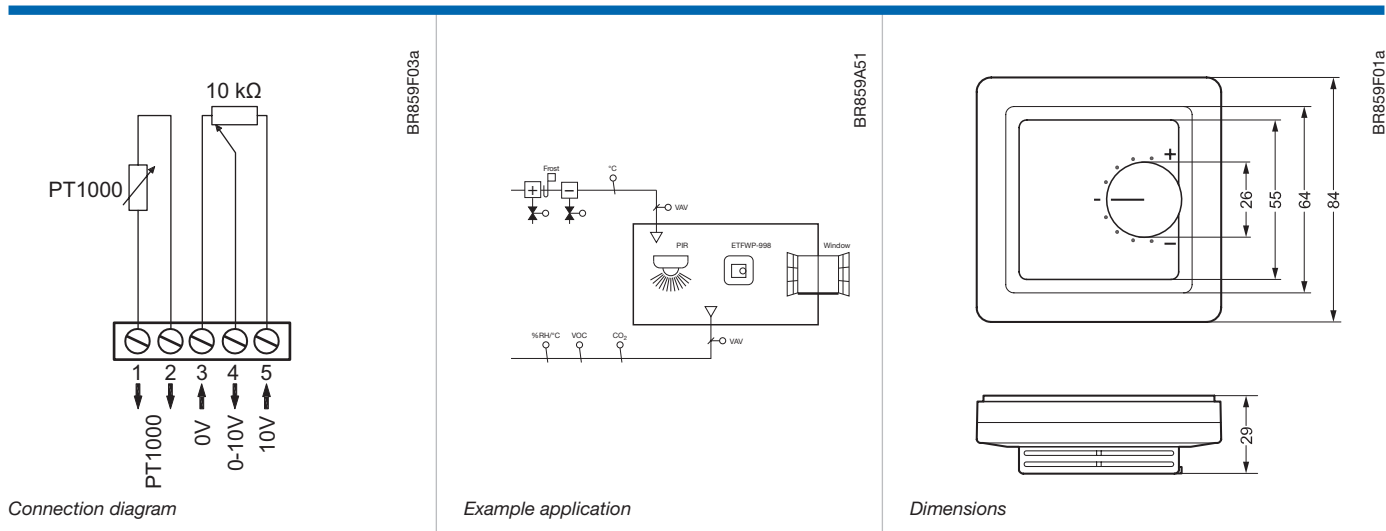
Studies have shown that users are more satisfied when they can control the temperature. With ETFWP-998 you can adjust the temperature set point, for example, up to +/- 5°C, and there is no risk that the set point is incorrect.

#### **Energy-saving operation**

When ventilation is stopped the room temperature is measured with ETFWP-998 which is much more precise than with a temperature sensor built-into the extraction air duct. This gives the room regulator better working parameters and correspondingly lower energy use.

#### **Simple installation**

ETFWP-998 uses traditional analogue signals and wiring connections can be checked with an ordinary voltmeter. The sensor is a PT-1000 element and the set-point shifter is a 0-10V signal. The corresponding functions are pre-programmed in OJ-GreenZone™, and are selected with a mouse click.



## INSTALLATION

### Installation of the room sensor

ETFWP-998 should be mounted on a flat surface approx. 1.5 m above the floor so that air can freely circulate around it. Avoid placing in draughts and direct sunlight or in the proximity of heat sources.

### Cable connections

5-lead cable is connected with screw terminals and may be max. 1.5 mm<sup>2</sup>.

## PRODUCT PROGRAM

| TYPE             | PRODUCT                                    |
|------------------|--|
| ETFWP-998        | Room control panel with temperature sensor |
| OJ-Zonemodule-MP | OJ GreenZone™ Module MP-bus                |
| OJ-Zonemodule-M  | OJ GreenZone™ Module Modbus                |
| OJ-Zonemodule-A  | OJ GreenZone™ Module Analogue              |

## TECHNICAL DATA

|                               |   |
|-------------------------------|---|
| Temperature sensor            | PT-1000                                   |
| Supply voltage                | 10V DC                                    |
| Potentiometer                 | 10 K ohm                                  |
| Potentiometer output          | 0-10V DC                                  |
| Scale area                    | +/- with 8 points                         |
| Electrical connection         | Max. 1.5mm <sup>2</sup> , screw terminals |
| Ambient operating temperature | -10/+50°C                                 |
| Dimensions                    | 84 x 84 x 29 mm                           |
| Enclosure                     | IP30                                      |
| Weight                        | 70 g                                      |

## CE marking

ETFWP-998 complies with the requirements in the following directives:

The EMC directive  
 EN-60730-1  
 EN-60730-2-9