



fig. RWT4/...



fig. RWT4/21.5-C3

## Room controller Wall mounting RWT4

2 continuous output signal with settable P-Band  
 integrated moisture tight room sensor  
 direction heating selectable (ia/da)  
 Dead band adjustable  
 Housing: 80 (90) x 82 (115) x 46 mm, IP54

### Technical data

Electrical	Power supply Power consumption Output signal	24 Vac (21,6...26,4 V) < 1 VA 2 x 0...10 Vdc, max. 2 mA
Functions	Adjustment range Output Y1 clamp 3 Output Y2 clamp 4 Setpoint correction SK P-Band XP Dead band Temperature probe	see order information, internal adjustment scale cooling (da) increases tR - increases Y heating (ia) increases tR - decreases Y, selectable da possible ±4 K, adjustable internally 1...8 K (factory setting FS 2 K) -6 K...+6 K (FS 1 K) integrated moisture tight room sensor
Safety	Protection type / class EMC CE conformity Ambient temperature	IP54 / III (SELV) EN 55011:2011-04, 55011-103:2013-02 according to 2014/30/EU operation 0...50 °C; storage -10...+70 °C
Mechanical	Connection technology Housing cable entry  Weight	screw terminal 2,5 mm <sup>2</sup> 80 (90) x 82 (115) x 46 mm, PC halogenfree (grey) Cable gland M20 x 1,5 or Type C3 .. double membrane M20 in the back of the housing about 190 g

### Product features

Application	For control of continuous actuators, VAV-systems and ventilation units in building ventilation and cooling systems and in marine sector.
Special	Moisture-proof design for temperature control of humidity rooms e.g. kitchens, warehouses or workshops. Due to the simple cleaning the controller is gladly used in kitchens or in pantrys in marine sector. C3: With cable entry in rear wall, Installation possible via flush-mounted boxes.
Control function	2 continuous output with proportional function
Control signal	0...10 Vdc, 1 x cooling, 1 x heating selectable ia/da (FS = ia)
Power supply	24 Vac

### Order information

Item number	signal	range	Variant
RWT4/21.5	0...10 Vdc	16...26 °C	internal setting, cable gland M20
RWT4/0.50	0...10 Vdc	0...50 °C	internal setting, cable gland M20
RWT4/21.5-C3	0...10 Vdc	16...26 °C	internal setting, double membrane M20 in the back of the housing

