



TRE520



**IP55**

**Motion detector radio, with battery, IP55, white**

**Technical properties**

**Architecture**

Bus system KNX

**Functions**

Lockout time 10 s

ETS additional functions ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading

Quicklink functions quicklink functions: time switching, NO contact push-button

**Connectivity**

Number of binary inputs 1

Radio protocol KNX Radio

Receiver category 2

**Dimensions**

Recommended installation height 2.5 m

**Frequency**

Radio transmission frequency 868.3 MHz

**Power**

Radio transmission power < 10 mW

**Measurement**

Detection Method Passive Infrared

**Reach distance**

Range, frontal ≈ 16 m

**Battery**

Battery service life [years] ≈ 4

**Detection**

Number of detection levels 2

Detection angle 220 °

Angle of vertical detection 100 °

Frontal detecting distance 16 m

Side detecting distance 10 m

**Materials**

RAL colour	RAL 9010 - Pure white
Material	PC-ABS
Surface appearance	matt
<b>Lighting control</b>	
Response brightness, adjustable	≈ 5...1000 lx , daytime operation
<b>Installation, mounting</b>	
Maximum Mounting Height	4 m
<b>Settings</b>	
Response sensitivity, settable	20...100 %
Delay time, adjustable	≈ 1 s...3 h
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Number of radio channels	1
Substation input	No
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Angle of horizontal detection	220 °
Slewing	vertically slewing and horizontally rotating
<b>Use conditions</b>	
Operating temperature	-20...55 °C
Relative humidity (without condensation)	0...65 % (without condensation)
<b>Identification</b>	
Application, usage	Motion detector