80262160

°C

1,1 m IP20

easy

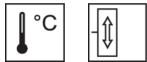### KNX motion detector module 1.1 m with integrated temperature sensor, with integral bus coupling unit, KNX - Berker R.1/R.3

Technical features

Architecture

Fixing mode	flush-mounting
Technical version	without cover

Functions

Max. temporisation	30 mn
Operating mode	Master/Slave operation for covering large detection areas, with test mode, with 3 operating modes: automatic/permanent ON/permanent OFF

- switching of scenes (1..8) possible
- additional channel for independent of brightness detector mode
- Motion detector functions: switching, dimming,roller shutter/blind, timer
- push-button functions: including switching, dimming, roller shutter/blind, timer, priority, operating mode changeover
- Presence simulation
- with party function
- Specification of the controller operating mode
- Push-button functions for switching, dimming, blind, value transmitter, scene, priority
- integrated button for manual control of bus functions can be configured
- parameter defineable lock function
- with slide switch for OFF/automatic/ON

Configuration

- two function channels for brightness-dependent functions
- additional channel for independent of brightness detector mode

Controls and indicators

- with button for automatic/permanent ON/permanent OFF

Voltage

Operating voltage over bus	21...32 V DC

Electric current

Bus current consumption (data transfer)	10 mA

Measurement

Detection field, rectangular shaped	≈ 12 x 16 m

Reach distance

Max. transmission range frontally	12 m
Max. transmission range sideways	8 m

Detection

Detection angle vertical	0 / 7 °
Detection angle, settable	each side ≈ 45...90 °
Detection angle horizontal	90 / 180 °
Sensor type	detector of movement

Materials

Material	Plastic/metal
Surface appearance	other

Dimensions

Optimum mounting height	1,1 m

Lighting control

Response brightness, adjustable	≈ 5…1000 lx

LED control

LED	Operating mode display via status LED, red/green/orange

Installation, mounting

Installation mode	with dismantling protection, with spreader claws

Connection

- with integral bus coupling unit
- bus connection via connecting terminal

Settings

Supported configuration modes	system, easy
Min. temporisation	10 s
Delay time, adjustable	10 s…30 mn

Use

Differentiation characteristic 2 - Sales	with integrated temperature sensor
Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

Protection index IP	IP20
Halogen free	no

Use conditions

Operating temperature	-5…45 °C
Storage/transport temperature	-20…70 °C

Identification

Application, usage	KNX - sensors
Main design line	KNX - Berker R.1/R.3
Secondary design line(s)	KNX, Berker R.1, Berker R.3

Instructions

Information text	Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!