

## VMBELPIR-PG datasheet

Edge Lit control module with motion and twilight sensor - pure white glossy



### Features

- motion detector for indoor use
- 1 channel for motion detection with adjustable timeout
- 2 channels for light dependent motion detection with adjustable light sensitivity and timeout
- 1 channel for absence detection with adjustable timeout
- 2 channels for twilight detection (dark and light) with adjustable light sensitivity, reaction time and timeout
- one pushbutton (touch technology)
- adjustable button reaction time (0, 1, 2 or 3 seconds)
- detection of short and long button press
- configurable dual channel pushbutton: a different channel is selected depending on the length of the push (short or long push)
- configurable multi-channel operation on pushbutton: the next channel is selected at each press (up to 2 channels)
- extensive day, week and year programs plus a built-in astronomical clock (sunrise and sunset timing) are included to operate pushbuttons automatically
- integrated temperature sensor to control the heating and air conditioning (only usable when side LEDs are turned off)
- feedback/mood lights with RGBW side LEDs (adjustable light intensity and RGBW color)
- the light intensity and color of the feedback and/or mood lights are independently adjustable per side
- LED-indication for supply voltage and data (backside)
- uses one address for the pushbutton, motion and twilight channels, and another address for the thermostat function (optional) (configurable in the VelbusLink configuration software)
- configurable by using the Velbus PC interface (VMB1USB or VMBRSUSB) and the free VelbusLink configuration program
- available in black and pure white, in both glossy and frosted finish

Protocol manuals for developers: available for download at <https://github.com/velbus>

VELBUS • VMBELPIR-PG

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### Specifications

- not suitable for installation on electrically conductive surfaces (eg. metal), or nearby sources of electromagnetic disturbances
- mounting frame included (screw / clamp)

|                             |   |
|-----------------------------|---|
| detection range             | 94° horizontal x 82° vertical   |
| detection distance (motion) | max. 5 m  |
| light sensitivity           | 10...300 lux  |
| touch-technology            | SMSC RightTouch®  |
| front material              | safety glass  |
| supply voltage              | 15±3 VDC  |
| possible addresses          | 250   |
| program steps               | max. 66   |
| dimensions                  | LxWxD: 86 x 86 x 11 mm (4 mm glass + 7 mm to wall)<br>installation depth: 28 mm including the connector |
| temperature range           | -10°C to +40°C  |
| power consumption           | when side LEDs are off: 25 mA<br>when side LEDs are full brightness: 110 mA                             |

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