

VMBPIROB datasheet

Outdoor motion, twilight and temperature sensor - black

The VMBPIRO is much more than an outdoor motion detector. This adapted Theben sensor allows you to simultaneously use motion and light sensitivity as well as temperature measurement. The built-in astronomical clock allows the VMBPIRO to operate time-dependently. The module also simultaneously detects motion for a passage signal or light dependent movement for lighting control.



Features

- motion detector for outdoor use
- two motion output channels with programmable timeout
- two light depending motion output channels with programmable light sensitivity and timeout
- dark and light output channels with programmable light sensitivity and timeout
- temperature sensor with low and high alarm output channels
- configuration with Velbuslink software (free) and USB/RS-232 interface module
- electronically addressable (up to 250 addresses)
- firmware can be upgraded through the Velbus system
- also available in white: VMBPIROW

Specifications

detection angle	150°
detection distance	lateral max. 12 m, frontal max. 5 m
light sensitivity	1 - 100 lux
required power voltage	15±3VDC
current consumption	25 mA
operating temperature	-25 °C to +45 °C
installation height	2 - 4 m
protective rating	IP55
sensor head can be turned right/left by	90°
sensor head can be turned down by	30°
dimensions	125 x 85 x 100 mm

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

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