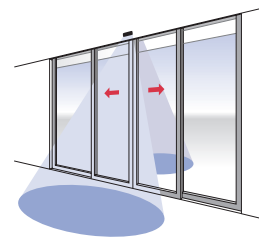


PrimeMotion

Microwave motion detector
for automatic doors

Simple, reliable, practical

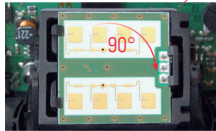
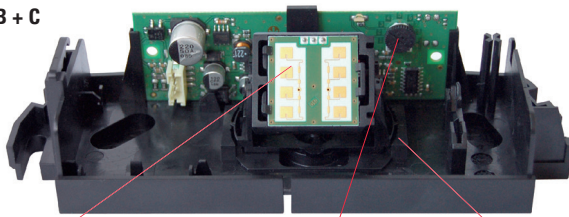
PrimeMotion is a simple microwave motion detector in an elegant, small housing.



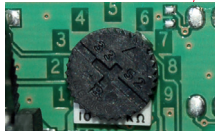
- **Practical and versatile:**
One device, also for particularly tall and wide doors
- **Wide range of applications:**
The adjustable field geometry and the radar module that can be tilted and swivelled mean the door activation can be optimally adjusted to the flow of persons traffic
- **Short startup:**
Quick and easy startup with potentiometer

This is how easy it is to install the detector

PrimeMotion B + C



The motion field pattern (wide or narrow) can be changed by rotating the microwave module

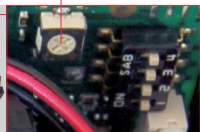
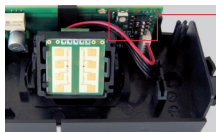


Potentiometer for field settings



Setting the inclination and pivoting angle

PrimeMotion B



DIP-Switch

- Radar output (active/passive, NO/NC)
- Interference filter (Door and EM interference)
- Cross traffic optimisation / swing filter
- Direction recognition

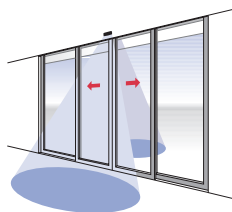
Reliable in many applications

Situation

Activating sliding doors

Advantage

- Reliable detection even with tall doors because of the possible installation height up to 4 m

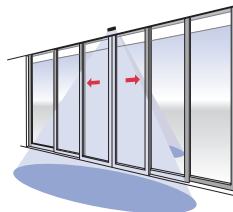


Situation









Activating telescopic sliding doors

Advantage

- The max. field width of 4.8 m means one detector is sufficient on each side of the door, even with wide doors



Order details

Article no.	Description	
261008	PrimeMotion B bk Microwave motion detector black	
266429	PrimeMotion B si Microwave motion detector silver	
263954	PrimeMotion B wt Microwave motion detector white	
296202	PrimeMotion C bk Microwave motion detector black	
298680	PrimeMotion C si Microwave motion detector silver	
298619	PrimeMotion C wt Microwave motion detector white	
290522	Hood PrimeScan bk	
290521	Hood PrimeScan si	
290520	Hood PrimeScan wt	
289500	PMCAP PrimeMotion rain cap	
491425	PMCM PrimeMotion ceiling mounting	

Technical data

Mechanical data

Material	ABS / PA
Weight (without cable)	120 g
Dimensions	172 x 60 x 48 mm (L x W x D)
Connection type	cable 3 m long, Ø 3.5 mm, with plug
Mounting height	1.8–4 m
Colour	black / silver / white

Technological data

Technology	Radar
Transmitting frequency	24.125 GHz

Specific data PrimeMotion B

Operating voltage	11.5–32 V DC / 12–28 V AC, 50/60 Hz
Operating current	max. 120 mA
Power consumption	max. 4 W
Making current	max. 800 mA
Radar output	solid state relay
Switching voltage	max. 48 V AC/DC
Contact resistance	max. 30 Ohm
Switching current	max. 80 mA
Switching capacity	max. 500 mW (AC) / 500 mW (DC)

Field size (at 2.2 m)

Dimensions of wide field	max. 4.0 x 2.0 m min. 0.5 x 0.25 m
Dimensions of narrow field	max. 2.0 m x 4.0 m min. 0.16 m x 0.8 m

Specific data PrimeMotion C

Operating voltage	12–36 V DC / 12–28 V AC, 50/60 Hz
Operating current	max. 32 mA at 24 V DC
Power consumption	max. 1.3 W
Radar output	solid state relay, bidirectional 1 s fall-delay time fixed
Switching voltage	max. 48 V AC/DC
Switching current	max. 120 mA
Switching capacity	max. 550 mW

Field size (at 2.2 m)

Dimensions of wide field	max. 4.8 x 2.3 m min. 1.6 x 0.8 m
Dimensions of narrow field	max. 2.3 m x 4.8 m min. 0.8 m x 1.6 m

Ambient conditions

Protection class	IP54 (IEC 60529)
Operating temperature	–20 °C to +60 °C
Air humidity	max. 90% relative, non-condensing

Conformity & Standards

Conformity	RED 2014/53/EU
Immision	EN 61000-6-2
Emission	EN 61000-6-3

Note

Technical details and recommendations concerning our products are based on experience and are an aid for the orientation of the user. Details stated in our brochures and data sheets do not guarantee special properties of the products. This does not apply to special product properties confirmed by us in writing or individually. Subject to technical alterations.

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