# Motion detector M42LR, 230 V, 32 – 37 m, IP54, for surface mounting, white

# 353-702111

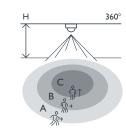
This motion detector is a 1-channel, stand-alone detector with a large detection range for automatic lighting control. It is designed for surface mounting and has an IP54 protection degree. The detector's settings can be modified using the Niko detector tool app and 2-way Bluetooth<sup>®</sup> communication between a smartphone and the detector. Finishing colour: white

- Surface mounting
- Quick cabling using screwless and easily accessible plug-in terminals
- User-friendly app for commissioning (iOS/Android)
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Fitted with three PIR segments, each covering  $120^\circ$
- Pre-configured functions:
- adjustable PIR sensitivity (4 levels) in 3 x 120  $^{\circ}$
- $\, {\rm one} \, \, {\rm or} \, {\rm more} \, \, {\rm PIR} \, {\rm segments} \, {\rm can} \, {\rm be} \, {\rm disabled}$
- event log keeps track of recent changes
- Robust potential-free relay
- Automatic lighting control can be overridden with a 230 V push button different options available
- Settings and configuration can be locked with a PIN code
- Web based portal solution for backing up and exchanging configuration files
- IP54 protection degree



4 year warrant

#### **Detection range**



ł	H	А	В	С
		Walking	Across	Towards
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	<u> </u>		W.	јђ. т
2.!	5 m	ø 32 m	ø <b>28</b> m	ø 10 m
3.(	) m	ø 37 m	ø 30 m	ø 8 m

## Measured according to EN/IEC63180



53-702111 - 06-07-20

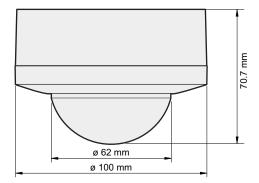
#### 🚯 Bluetooth'



### **Technical data**

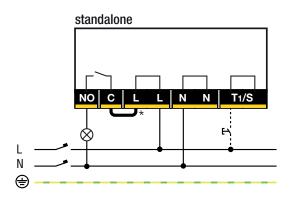
Input voltage230 Vac $\pm$ 10 %, 50 HzDetector output230 V(CN/OFF)Maximum power consumption0.2 WMaximum MCB rating16 A (limited by national installation rules)Rely contactN.O. (max. 10 A), potential-freeMaximum load incandescent and halogen lamps (cos $\varphi = 1$ )2300 WMaximum load fluorescent lamps (cos $\varphi \ge 0.5$ )1200 VAMaximum load economy lamps (CFL)350 WMaximum load tED lamps 230 V350 WMaximum load electronic transformer500 VAMaximum load electronic transformer500 VAMaximum capacitive load140 µFMaximum capacitive load140 µFMaximum capacitive load1 channelSwitch-off delaypulse, 15 s - 2 h, ∞Detection range (PIR)a 37 m from a height of 3 mAmbient temperature-25 - 4 40 °CMounting methodsurface mountingOutring methodsurface mountingOlow 100 x 70.7 mm100 x 100 x 70.7 mmDimensions visible (HxWxD)100 x 100 x 70.7 mmDimensions visible (HxWxD)50 mOperating frequency power-2 dBmProtection angeIP54Maximum rando frequency power-2 dBmProtection of settingsNiko detector tool app (IOS-Android) and 2-way BluetontherColourNiko detector tool app (IOS-Android) and 2-way BluetontherMaximum radio frequency power-2 dBmProtection degreeIP54Maximum radio frequency power-2 dBmProtection degreeIP54Maxim	Article number	353-702111	
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communication   Halogen-free   yes	Impact resistance	IK04	
Halogen-free yes	Modification of settings	Niko detector tool app (iOS-Android) and 2-way Bluetooth®	
		communication	
Marking CE	Halogen-free	yes	
	Marking	CE	

#### Dimensions





## Wiring diagram



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