



niko M41HC Motion Detector Instruction Manual

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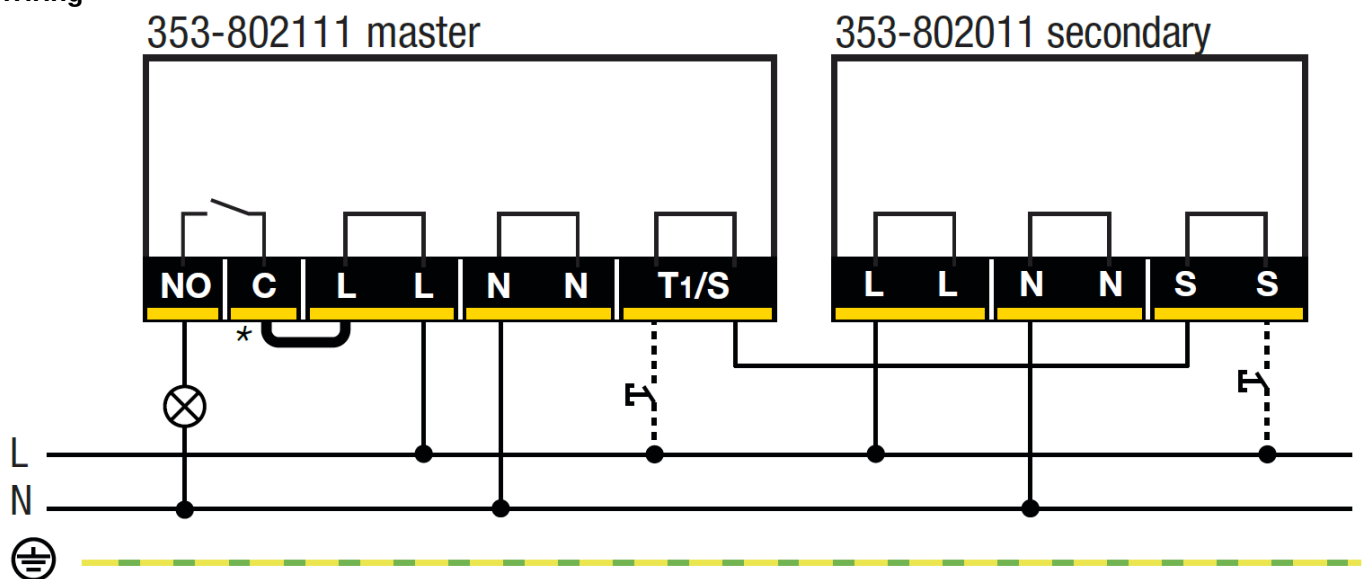
niko

niko M41HC Motion Detector



Motion detector M41HC, 230 V, secondary, high ceiling, 18-53 m, 360°, for surface mounting

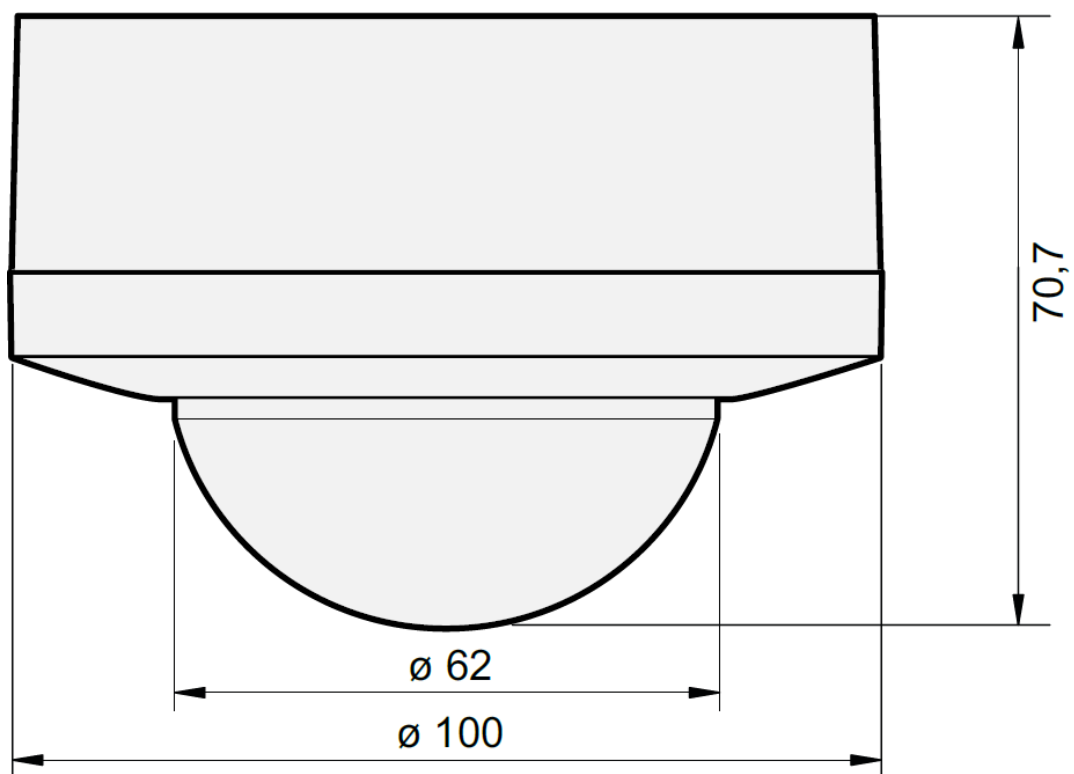
Wiring



- remove if you want to use the contact as a dry contact (potential-free)

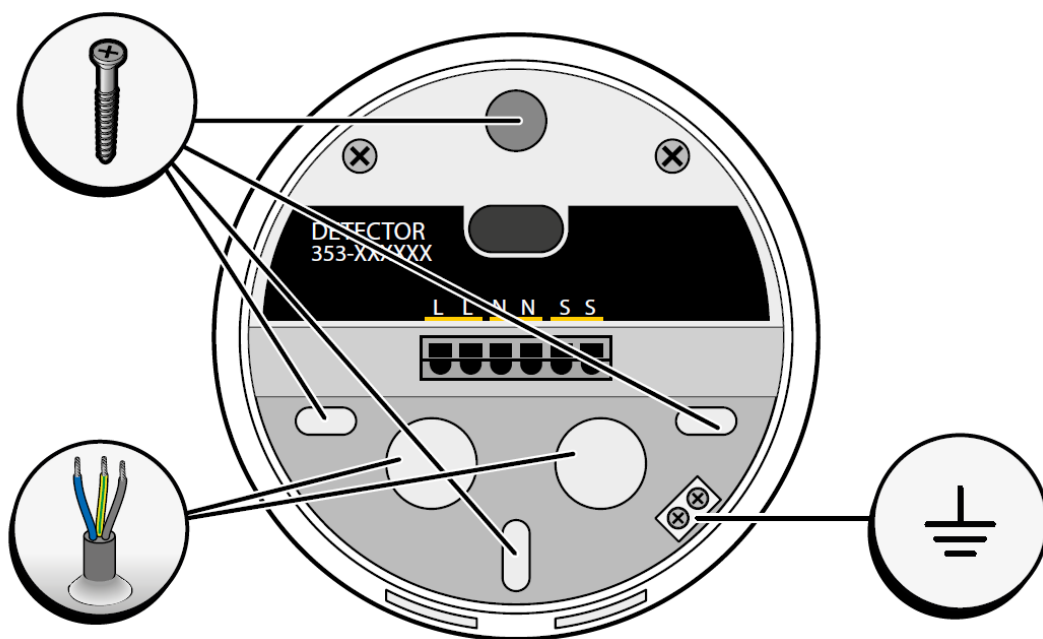
Dimensions

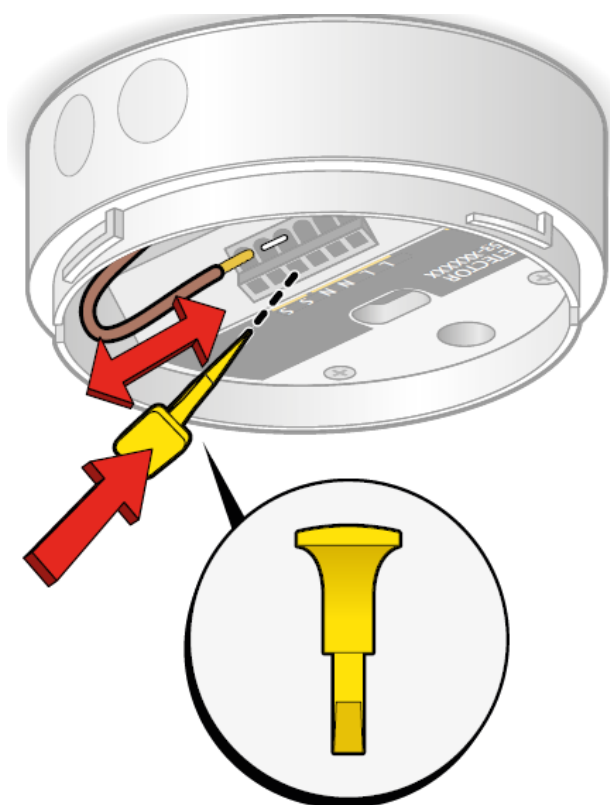
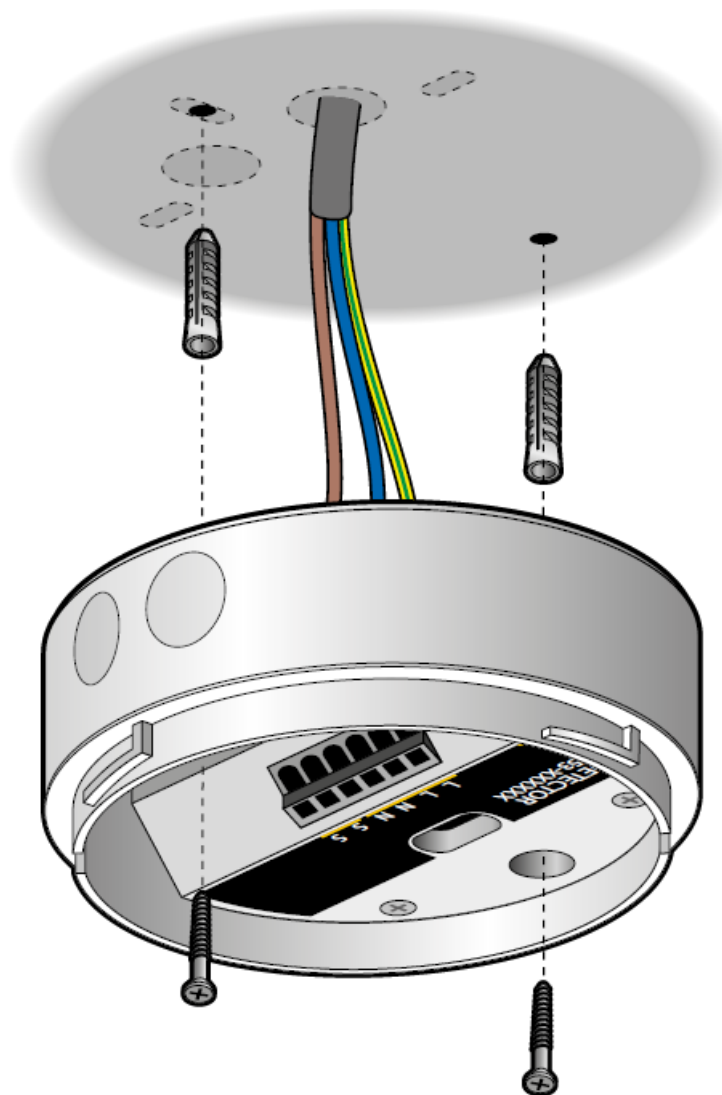
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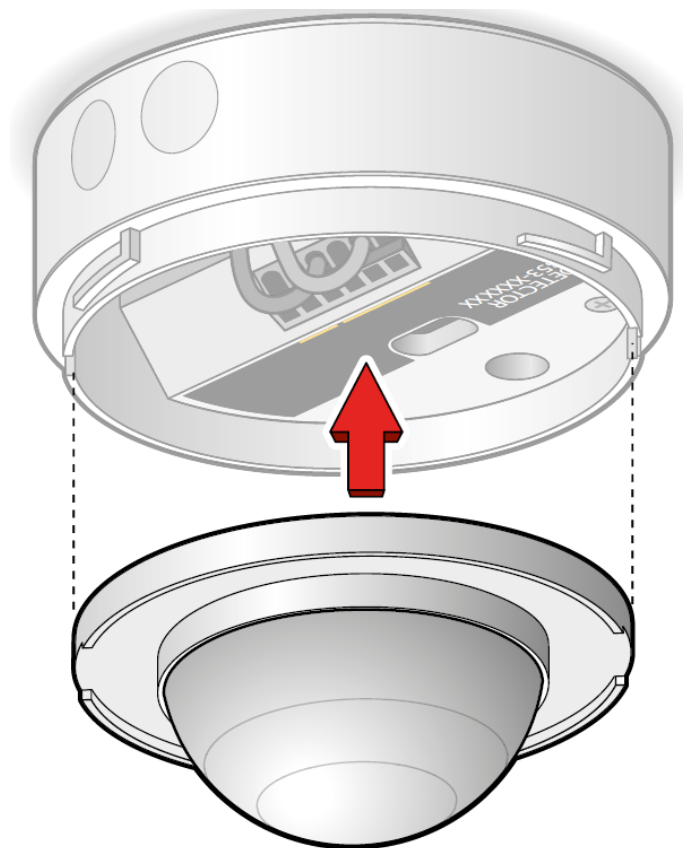
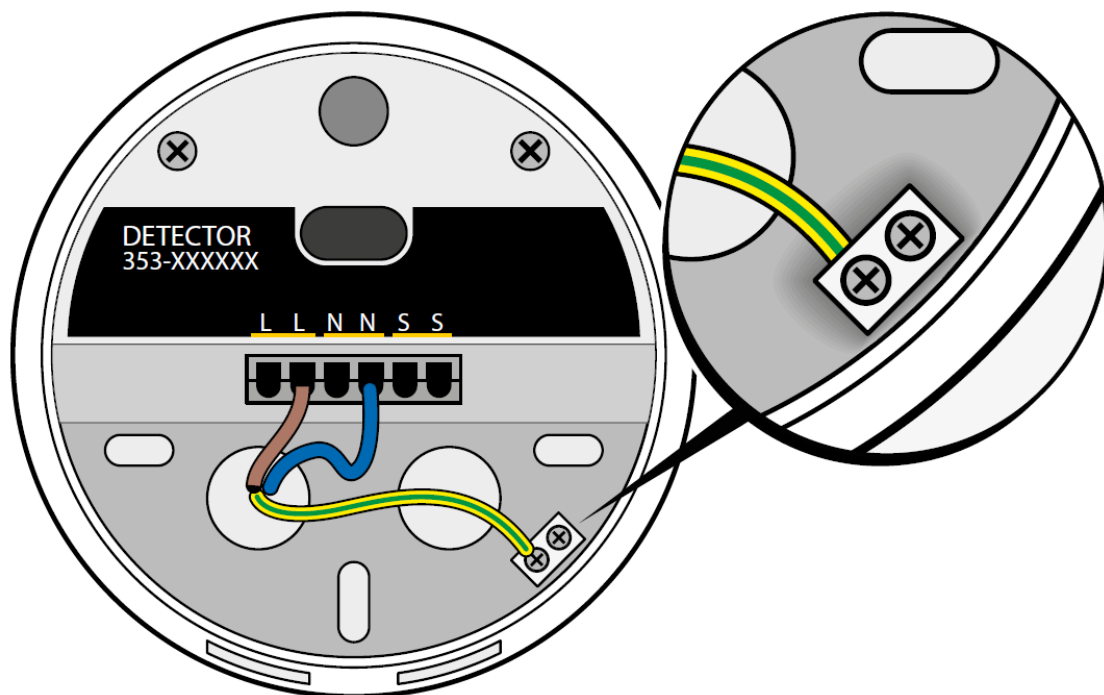
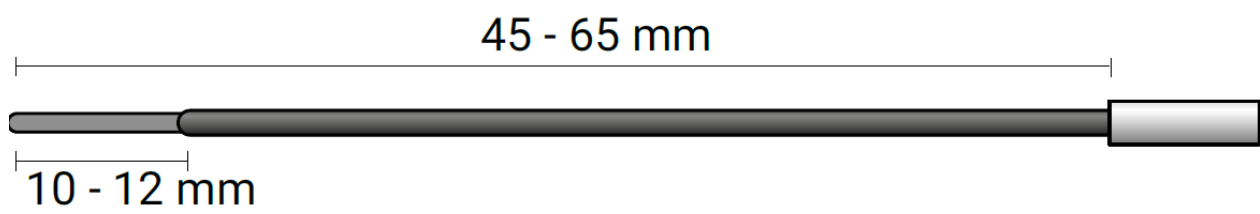


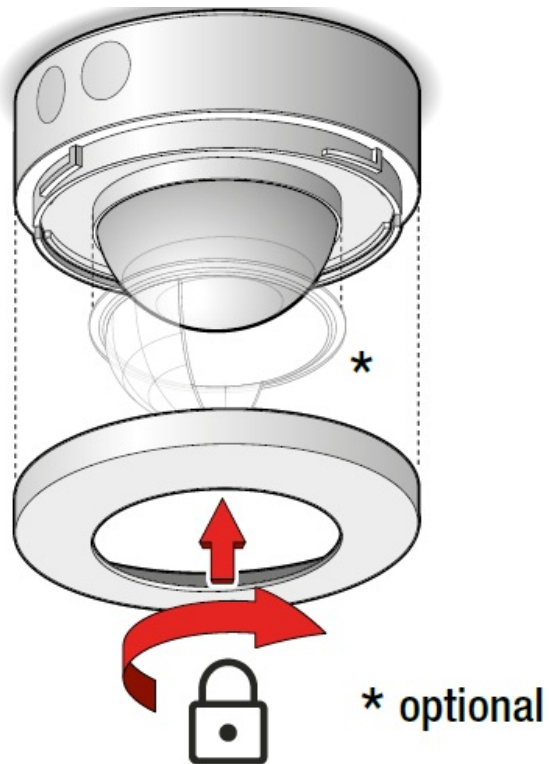
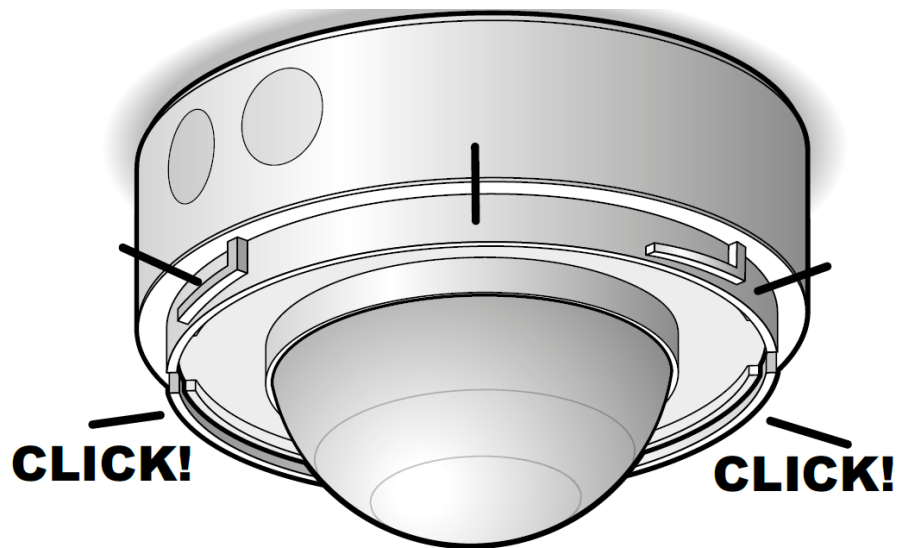
Installation

Installation



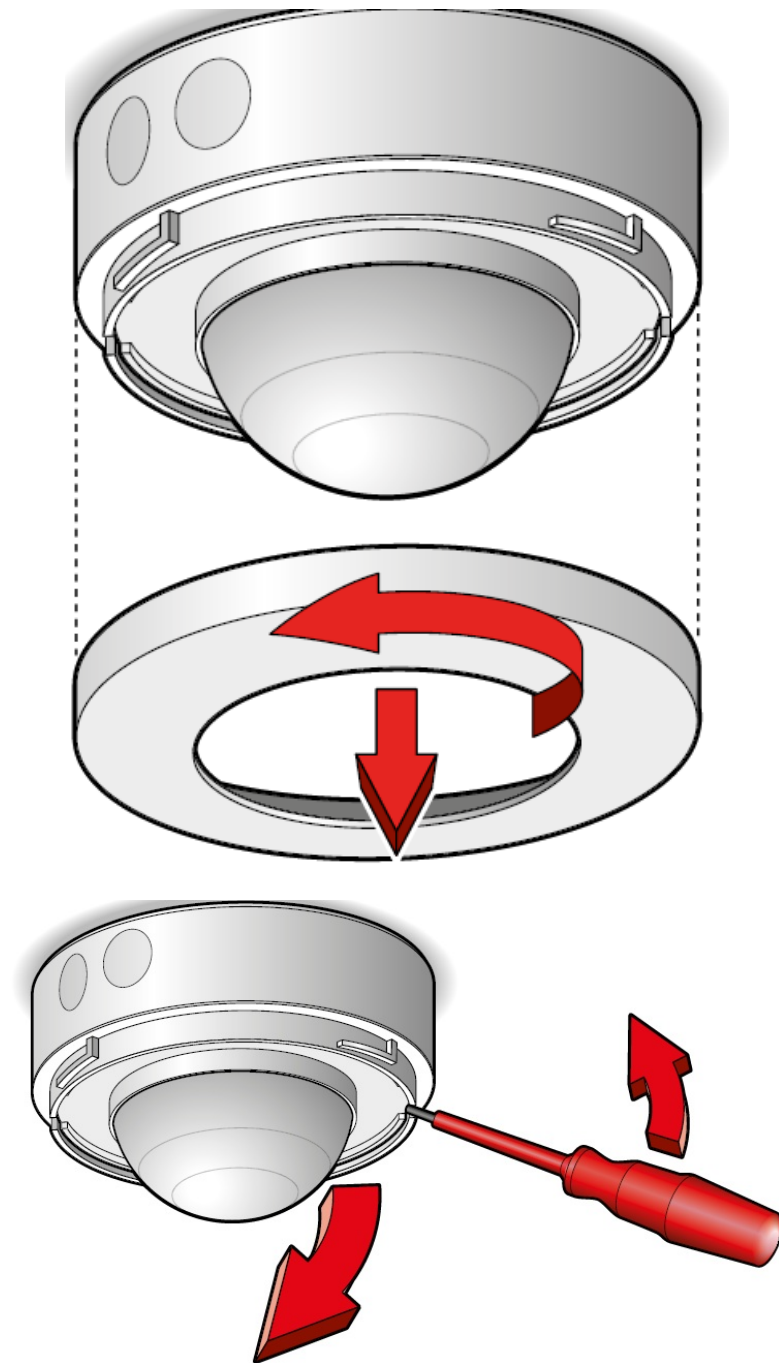






- If a grommet needs to be replaced, please make sure the new grommet is halogen-free






Dismantling



App settings

Sensitivity	
<i>Factory Settings</i>	High

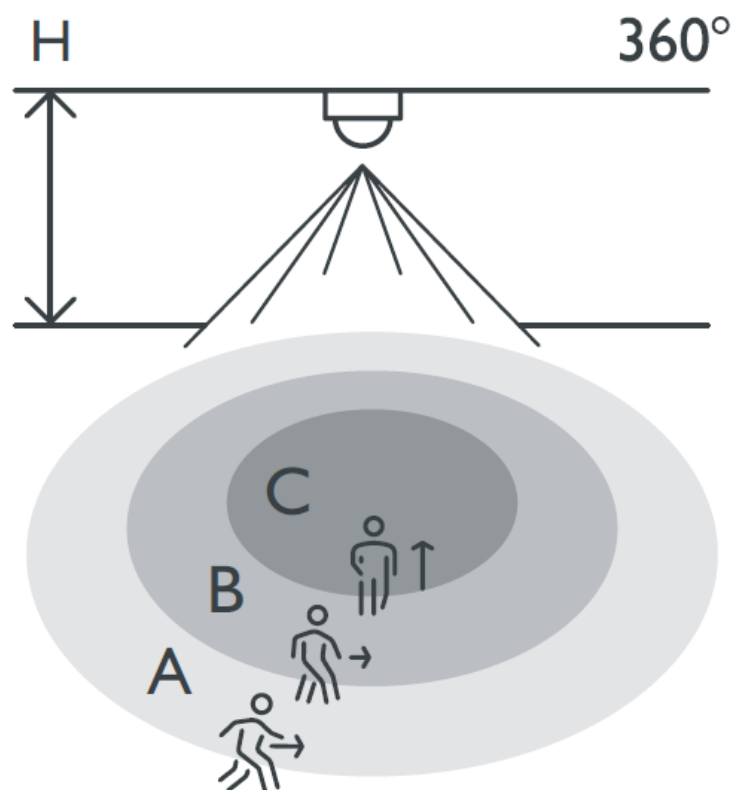
LED behavior

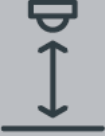



Green LED continuous on		<i>Connection OK</i>	
Green LED flashing		<i>Warming up</i>	<i>Wait</i>
Red LED continuous on		<i>Error</i>	 <p><i>More info → detector tool</i></p>
Blue LED flashing		<i>Walk test active</i>	

Specifications

Article number	353-802011
Configuration	230 V Secondary detector
Input voltage	230 Vac \pm 10 %, 50 Hz
Maximum power consumption	0.2 W
Detection angle	360 °
Detection range (PIR)	Ø 53 m from a height of 12 m
Ambient temperature	-25 – +40 °C
Mounting method	surface mounting
Mounting height	4 – 12 m
Colour	white (RAL 9010)
Dimensions visible (HxWxD)	100 x 100 x 70.7 mm
Dimensions (HxWxD)	100 x 100 x 70.7 mm
Wire capacity	1.5/2.5 mm ²
Maximum range Bluetooth® (free field, depending on the device)	50 m
Operating frequency	2.4 GHz
Maximum radio frequency power	-2 dBm
Protection degree	IP54
Impact resistance	IK04
Modification of settings	app (iOS/Android) and 2-way Bluetooth® communication
Halogen-free	yes
Marking	CE

Detection area



H 	A Walking 	B Across 	C Towards 
4.0 m	Ø 18 m	Ø 18 m	Ø 11 m
8.0 m	Ø 35 m	Ø 33 m	Ø 23 m
12.0 m	Ø 53 m	*	Ø 13 m

- not specified Measured according to EN/IEC63180

Troubleshooting

<i>Problem</i>	<i>Possible cause</i>	<i>Proposed solution</i>
Load does not turn on	The wiring is not correct	Check the wiring scheme
Load does not turn off	The detector receives false triggers	Check for any objects that may cause false triggering and remove them from the detection range or lower the sensitivity
App cannot connect to the detector	Bluetooth® has been disabled on your mobile device	Enable Bluetooth® on your mobile device


Support & contact

Industriepark West 40 9100 Sint-Niklaas, Belgium www.niko.eu

+32 3 778 90 80	support@niko.eu
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Niko prepares its manuals with the greatest care and strives to make them as complete, correct and up to date as possible. Nevertheless, some deficiencies may subsist. Niko cannot be held responsible for this, other than within the legal limits. Please inform us of any deficiencies in the manuals by contacting Niko customer services at support@niko.eu.

Documents / Resources

	niko M41HC Motion Detector [pdf] Instruction Manual M41HC, Motion Detector, M41HC Motion Detector
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References

- [Niko - home automation, switches, socket outlets and detector](#)