

# Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, light grey

102-78010

4 year warranty

With this integrated indoor motion detector with a 10 A, 230 V switching contact, you have a viewing angle of 180° (horizontal) and 60° (vertical) within which all movement is detected. When a motion is detected, pre-selected lights are activated.

Finishing colour: light grey

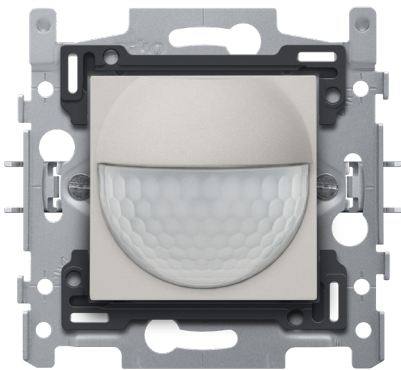
Compatible secondary detectors: XXX-78010

This article is protected by at least one patent (application). For more info on patents, see [www.niko.eu/innovation](http://www.niko.eu/innovation).

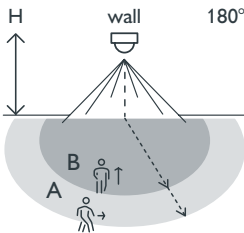
- Sustainable
- Compact
- Simple installation
- Discreet
- The motion detector can be used as a master or secondary detector.

Motion detector for residential use for small rooms, toilets, storerooms, cellars, etc.

- The lighting remains on while motion is detected.
- The built-in time switch allows you to set the desired switch-off delay. The lighting will remain on throughout the disconnection time after the last movement has been detected.
- The lighting can stay on for four hours if you press the button located above the sensor. You can also connect a push button or external switch on this motion detector if you need to be able to control the lighting circuit manually.
- Can be integrated into all Niko central plates.



## Detection range



H	A Across	B Towards
0.8 m	7 m	2.4 m
1 m	8 m	3 m
1.2 m	9 m	4 m

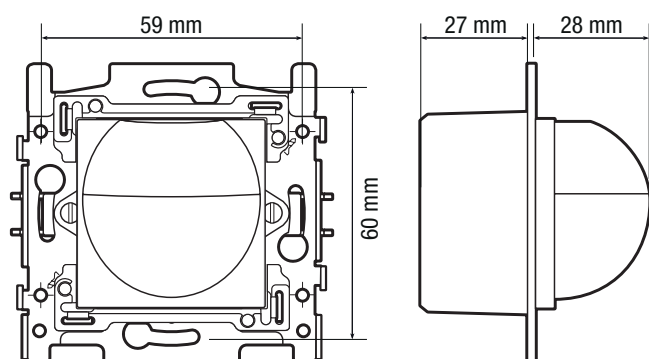


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## Technical data

Article number	102-78010
Configuration	master/secondary
Input voltage	230 Vac $\pm$ 10 %, 50 Hz
Detector output	230 V (ON/OFF)
Maximum MCB rating	10 A (limited by national installation rules)
Maximum load incandescent and halogen lamps ( $\cos\phi = 1$ )	2300 W
Maximum load fluorescent lamps ( $\cos\phi \geq 0.5$ )	1380 VA
Maximum load LED lamps 230 V	230 W
Light intensity range	10 lux – 1000 lux
Ambient temperature	-5 – +45 °C
Switch-off delay	1 min – 30 min
Detection range (PIR)	8 m from a height of 1 m
Ambient temperature	-5 – +45 °C
Mounting method	flush-mounting box
Mounting height	0.8 – 1.2 m
Minimum flush-mounting depth	40 mm
Colour	light grey (mass-dyed, approximately NCS S 1002 - Y, RAL 080 80 05)
Dimensions (HxWxD)	71 x 73 mm
Wire capacity	1 x 2.5 mm <sup>2</sup>
Protection degree	IP20
Protection degree	IP40 for the combination of a mechanism and faceplate
Marking	CE

## Dimensions



## Wiring diagram

