VEKO
LIGHTSYSTEMS

The MD-O is an intelligent, fully digital presence detector for office lighting. The sensor excels with its speed: MD-O reacts to a unique combination of motion and sound. The light is switched on immediately as soon as someone enters an office and stays on while someone is working quietly. If a radio is left on after working hours, then the lighting will be switched off.

Veko offers a warranty for as much as five years. To detect motion, the MD-O uses an extremely sensitive infrared (PIR) sensor. It interprets a change in the thermal image as motion. The MD-O offers a twilight sensor and nine levels for turn-off delay. You will always have the required amount of light in your office.
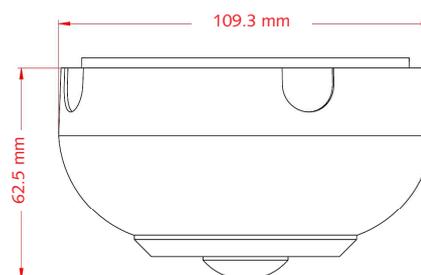
Technical information

Diameter (mm)	Build-in: 88.7 mm, Surface mount: 109.3 mm
Wattage (W)	0.5 W < 4 W (off < on)
Voltage (V)	230 V
Frequency (Hz)	50 Hz
Circuit	6A: Cos ⬜ 1 3A: Cos ⬜ 0,4
Sensitivity settings	3 (standard maximum sensitivity)
Twilight sensor	Adjustable between 35 – 1,000 Lux (standard 1,000 Lux)
Turn-off delay relay	Relay 10 seconds – 45 minutes (standard 15 minutes)
Turn-off delay sound	2 – 12 minutes (standard 6 minutes)
Detection angle	Approximately 130º – 140º (at 2.5 metres)
Ambient temperature	0 ºC - +40 ºC
KEMA-KEUR (certificate)	Yes
Warranty	5 years

Measurements

MD-O Build-in
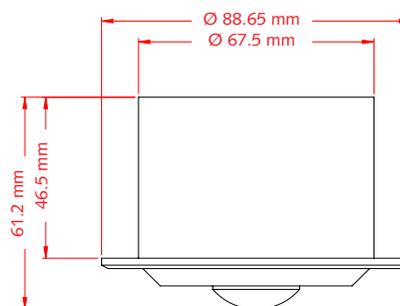
Ø 88.65 mm
Ø 67.5 mm
61.2 mm
46.5 mm

MD-O Surface mount

109.3 mm
62.5 mm

Technical data subject to change.

CLEVER
SWIFT
SOLID

Detection range
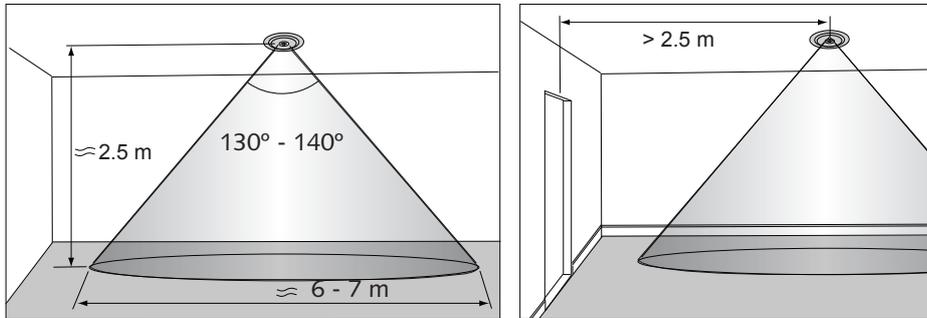
Versions

Built-in detector 3 m cord	Surface mount detector	Connection Kit 3 pin Wieland® connection	Potential free contact
Product code	**Product code**	**Product code**	**Product code**
MD-O-3M	MD-O-BO	MD-O-CK	MD-O-SWPV

Technical data subject to change.

CLEVER
SWIFT
SOLID

MD-O Presence detector accessories

Protective basket		Produktcode
	• In combination with a protective basket, the MD-O detectors are also suitable for use in sports halls	MD-O- basket (square)
	• Or in situations that the MD-O needs extra protection against damage caused by an impact.	

Remote control		Produktcode
	• In combination with the TR61 remote control it is very easy to adjust the MD-O-presence detector to your needs.	TR61

Connecting cable		Produktcode
	• Wieland cable with protective earth (earth pin) connector.	Power_cord_3_S-W
	• Length 3 metres	
	• Together with the connection kit, the connecting cord makes installation of the MD-O very easy.	

Connecting cable		Produktcode
	• Wieland® cable with a male and female connector	Connection_cord_3-W-W (3 metres)
	• Together with the connection kit, the connecting cord makes installation of the MD-O very easy.	Connection_cord_5-W-W (5 metres)
	• Connecting cords can be used to link the luminaires.	

Connection Kit		Produktcode
	• By using the connection kit, installing and linking the presence detectors is a doddle.	Connection_kit_MD-O
	• The connection Kit comes supplied with a 3 pin Wieland male and female connector.	

CLEVER
SWIFT
SOLID

Technical data subject to change.