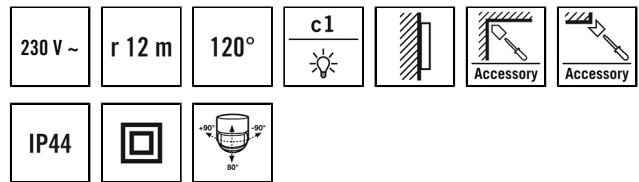


MD 180 BASIC black

Item number **GTIN**
EM10055096 4015120055096



Product description

- Motion detector with 180° field of detection for convenient light switching
- Sensing and range adjustment due to revolving and tilting spherical head technology

Technical data

GENERAL

Device category	Outdoor motion detector
User interface	Adjusting controller
Remote controllable	–
Conformity	CE, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Wall

HOUSING

Dimensions	Length 80 mm x Width 55 mm x Height/Depth 66 mm
Weight	180 g
Material	UV-stabilised polycarbonate
Protection type	IP44
Permissible ambient temperature	-20 °C...+40 °C
Relative humidity	5 - 95 %, non-condensing
Colour	Black
Type of connection	Push terminal
Connectable conductor cross section	1,50 - 1,50 mm ²

ELECTRICAL VERSION

Protection class	II
Nominal voltage	230 V / 50 Hz
Stand-by consumption	< 0.5 W
Power consumption	0,5 W
In-rush current	40 A / 20 ms

SENSORS

Detection angle	180° horizontally and vertically rotatable +/- 30°
Detection range diagonally	Ø 20 m
Detection range head-on	Ø 10 m
Field of detection	up to 157 m ²
Range adjustment	Mechanical
Recommended installation height	2,5 m
Max. mounting height	3 m
Light measurement	mixed light
Level of brightness	5 - 1000 lx
Number of light channels	1
Push button input HVAC	–
Slave input	–
Number of parallel switchable detectors	6
Fully automatic	yes
Semi-automatic	No
Constant light control	–

CONTROL

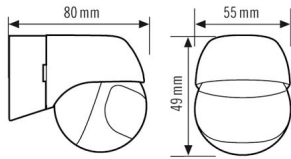
Channel 1	Lighting
Interface	Switching
Contact	make contact / non-floating
Switching capacity channel 1	230 V AC/50 Hz 1000 W/5 A (cos phi = 1), 500 VA/2.5 A (cos phi = 0.5)
Push button input channel 1	–
Switch-off delay channel 1	10 s...15 min
Master/slave function	–
Manual override	No

DATA SHEET

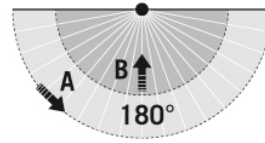
MD 180 BASIC black

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Scale drawing



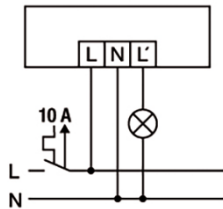
Field of detections



Detection range

■ Diagonally (A)	Ø 20 m
■ Frontal (B)	Ø 10 m

Circuit diagram



Standard operation