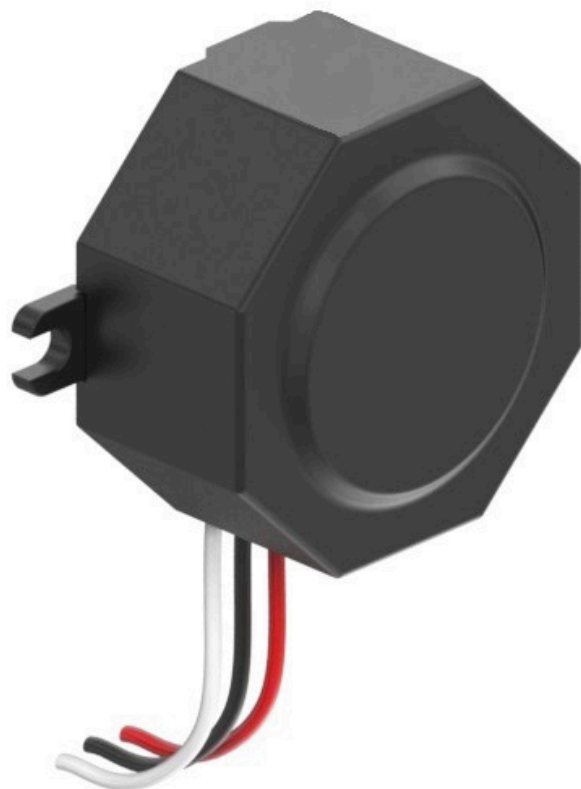


# MOTION SENSOR

SPM001



sermat **GRÜN**  
**ex**

REV.06 / 29.05.2026

# MOTION SENSOR - SPM001

## Technical Data

### SPECIFICATIONS

TYPE OF PROTECTION .....	Ex "m" - encapsulated
MARKING .....	Ex mb IIC Gb Ex mb IIIC Db
AREA OF APPLICATION .....	Zone 1 Zone 2 Zone 21 Zone 22
WORK FREQUENCY .....	3.2 GHz
TYPICAL RADIATED POWER .....	10 dBm
MAXIMUM RADIATED POWER .....	12 dBm
TIMING .....	Factory Setting: 5 s, 1min or 4 min.
CONSUMPTION .....	< 1 W (typical)
WORK TEMPERATURE .....	-40° C to +80° C
WORKING VOLTAGE .....	115 / 230 Vac - 50/60Hz (Automatic)
MAXIMUM OUTPUT POWER .....	up to 500 W / 115 V or 800 W / 230 V
OUTPUT MODE .....	Dry Contact SPST (NO)
INRUSH CONTROL CIRCUIT .....	Zero Voltage Actuator
DETECTION ANGLE .....	360 °
CERTIFICATION .....	

#### Segurança



OCP 0034



INMETRO

INMETRO

NCC 24.0127 U

#### IMPORTANT:

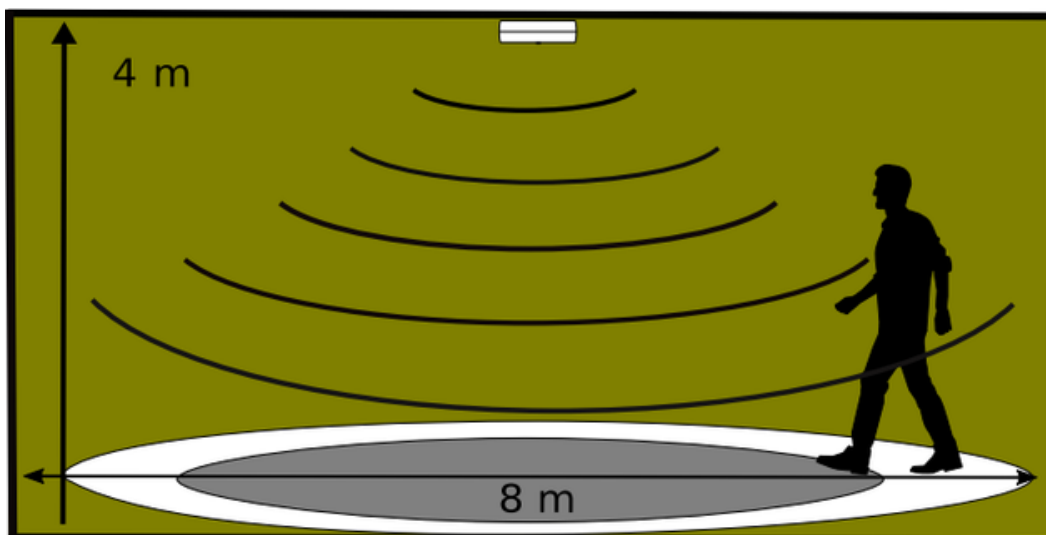
Install the sensor at least 50 mm from metallic objects.

# MOTION SENSOR - SPM001

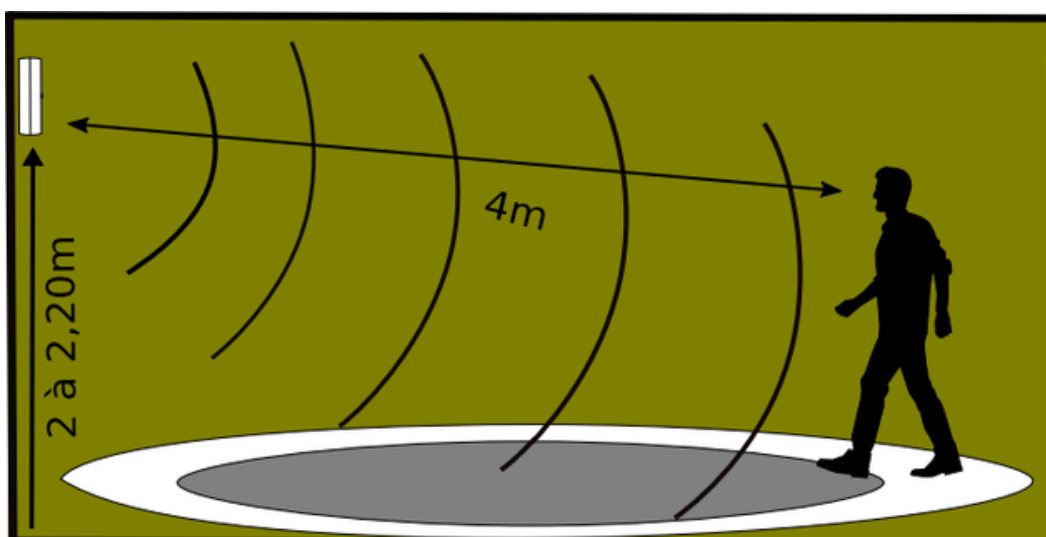
Technical Data

## INSTALLATION

### CEILING



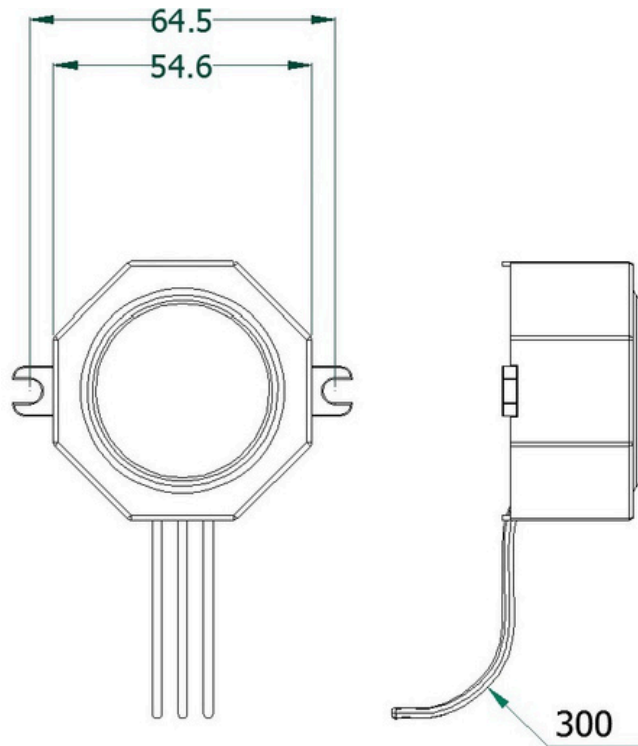
### WALL



# MOTION SENSOR - SPM001

## Technical Data

### DIMENSIONS (mm)



### ELECTRICAL SCHEME

for 120 V / 240 V network

for 240 V / 400 V network

