

# SLIM-PIR-LUNA-PET

PIR MOTION DETECTOR WITH LIGHTING FEATURE AND PET IMMUNITY UP TO 20 KG

**SLIM-PIR-LUNA-PET** detects motion in the protected area. Additionally, the detector has a set of LEDs to implement the lighting feature.

- certificate of compliance with the EN 50131 requirements for Grade 2
- motion detection using passive infrared (PIR) sensor
- adjustable sensitivity of detection
- digital motion detection algorithm
- digital temperature compensation
- wide-angle lens, designed specifically for **SLIM LINE** detectors
- pet immunity up to 20 kg
- ability to configure detector operating parameters using the **OPT-1** keyfob
- built-in end-of-line resistors (2EOL: 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ)
- lighting feature implemented with white LEDs
- remote lighting control or motion activated lighting capability
- LED indicator
- selectable color of the LED indicator (7 colors available)
- LED indicator remote enable/disable
- remote switching between two levels of PIR sensor sensitivity
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting



## TECHNICAL DATA

Supply voltage	12 V DC
Detected target velocity	0.3...3 m/s
Operating temperature range	-10°C...+55°C
Recommended mounting height	2,4 m
Standby mode current consumption	13 mA
Max. current consumption	97 mA
Weight	142 g
Maximum humidity	93±3%
Dimensions	62 x 137 x 42 mm
Environmental class according to EN50130-5	II
Alarm signaling time	2 s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
EOL resistors	2 x 1.1 kΩ / 2 x 4.7 kΩ / 2 x 5.6 kΩ
Warm-up period	30 s
Security grade according to EN50131-2-2	Grade 2
Detection area	12 m x 13 m, 90°
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Tamper outputs (NC relay, resistive load)	40 mA / 24 V DC
Relay contact resistance (alarm output)	26 Ω
Relay contact resistance (tamper output)	26 Ω

