

SLIM-PIR-PRO

PIR MOTION DETECTOR WITH IR ANTI-MASKING FUNCTION

The **SLIM-PIR-PRO** detector detects motion in the protected area.

- certificate of compliance with the EN 50131 requirements for Grade 3
- motion detection using passive infrared (PIR) sensor
- adjustable sensitivity of detection
- digital motion detection algorithm
- digital temperature compensation
- option to enable/disable the creep zone protection
- wide-angle lens, designed specifically for **SLIM LINE** detectors
- option to replace the wide–angle lens with a curtain (CT–CL) or long–range (LR–CL) one
- active IR anti-masking, compliant with EN 50131-2-2 for Grade 3
- ability to configure detector operating parameters using the OPT-1 keyfob
- built–in end–of–line resistors (2EOL: 2 x 1,1 k Ω / 2 x 4,7 k Ω / 2 x 5,6 k Ω)
- LED indicator
- selectable color of the LED indicator (7 colors available)
- LED indicator remote enable/disable
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting
- adjustable mounting holder (BRACKET D) included, provided with tamper switch



TECHNICAL DATA

Supply voltage	12 V DC
Detected target velocity	0,23 m/s
Operating temperature range	-10°C+55°C
Recommended mounting height	2.4 m
Standby mode current consumption	20 mA
Max. current consumption	82 mA
Weight	142 g
Maximum humidity	93±3%
Dimensions	62 x 137 x 42 mm
Environmental class according to EN50130-5	
Alarm signaling time	2s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
EOL resistors	$2 \times 1.1 k\Omega / 2 \times 4.7 k\Omega / 2 \times 5.6 k\Omega$
Warm-up period	30 s
Security grade according to EN50131-2-2	Grade 3
Detection area	20 m x 24 m, 90°
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Tamper outputs (NC relay, resistive load)	40 mA / 24 V DC
Anti-masking outputs (NC relay, resistive load)	40 mA / 24 V DC
Relay contact resistance (alarm output)	26 Ω
Permissible installation height	up to 4 m
Relay contact resistance (tamper output)	26 Ω
Relay contact resistance (anti-masking output)	26 Ω