

# 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 $\Omega$  / 2 x 4,7 k $\Omega$  / 2 x 5,6 k $\Omega$ )
- 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	0,2...3 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 $\pm$ 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 k $\Omega$ / 2 x 4,7 k $\Omega$ / 2 x 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 $\Omega$
Permissible installation height	up to 4 m
Relay contact resistance (tamper output)	26 $\Omega$
Relay contact resistance (anti-masking output)	26 $\Omega$