

SLIM-R-PIR-PRO

SLIM-R-PIR-PRO is an indoor motion detector from the SLIM LINE series, designed for recessed ceiling mounting. Is it an excellent solution for rooms with suspended ceilings. With its 360 ° detection coverage, it is well suited for monitoring shops, warehouses, and other spaces where a ceiling-mounted detector facing downward provides more effective area coverage than a wall-mounted detector.

This model is also available for surface mounting (**SLIM-S-PIR-PRO**).

- compliant with the **EN 50131 Grade 3** requirements
- active IR anti-masking compliant with EN 50131-2-2 for Grade 3 (delay: 1 s / 60 s)
- motion detection using a passive infrared (PIR) sensor
- maximum detection area:
 - \varnothing 6 m / 28 m² – mounting height 2,4 m
 - \varnothing 10 m / 79 m² – mounting height 3,5 m
- detector operating parameter configuration:
 - on-board buttons
 - **OPT-1** remote Keyfob
- digital motion detection algorithm
- digital temperature compensation
- adjustable detection sensitivity
- built-in EOL resistors: 1.1 k Ω , 4,7 k Ω , 5,6 k Ω
- LED indicator:
 - selectable color (7 colors available)
 - remote on/off
- remote enable/disable of configuration mode
- supervision of the motion detection circuit
- 12 V DC power supply (15%)
- power supply monitoring
- tamper protection against enclosure opening and detector tilt (optional, when tilt detection is enabled)
- installation in suspended ceilings



Alarm signaling time	2 s
EOL resistors	2 x 1,1 / 2 x 4,7 / 2 x 5,6 k Ω
Relay contact resistance (anti-masking output)	26 Ω
Relay contact resistance (tamper output)	26 Ω
Relay contact resistance (alarm output)	26 Ω
Anti-masking outputs (NC relay, resistive load)	40 mA / 24 V DC
Tamper outputs (NC relay, resistive load)	40 mA / 24 V DC
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Security grade according to EN50131-2-2	Grade 3
Warm-up period	30 s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
Supply voltage	12 V DC
Environmental class according to EN50130-5	II
Dimensions	\varnothing 130 x 42 mm
Maximum humidity	93 \pm 3%
Weight	140 g
Max. current consumption	45 mA
Standby mode current consumption	17 mA
Recommended mounting height	2,4...3,5 m
Operating temperature range	-10°C...+55°C
Detected target velocity	0,2...3 m/s