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:
  - ø 6 m / 28 m^2 – mounting height 2,4 m
  - ø 10 m / 79 m^2 – 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 kΩ, 4,7 kW, 5,6 kW
- 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 kΩ
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	ø 130 x 42 mm
Maximum humidity	93±3%
Weight	140 g
Max. current consumption	45 mA
Standby mode current consumption	17 mA
Recommended mounting height	2,4...3,5 m m
Operating temperature range	-10 °C...+55 °C
Detected target velocity	0,2...3 m/s

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.