

SLIM-S-PIR

SLIM-S-PIR is an indoor motion detector from the **SLIM LINE** series, designed for **surface-mounted ceiling installation**. It is an ideal solution for locations where wall-mounted detectors are impossible or undesirable. With its 360° detection coverage, it is well suited for monitoring shops, warehouses, and other areas where a ceiling-mounted detector facing downward provides more effective coverage than a wall-mounted detector.

This model is also available for recessed-mounting (**SLIM-R-PIR**).

- compliant with the **EN 50131 Grade 2** requirements
- motion detection using a passive infrared (PIR) sensor
- maximum detection area:
 - $\varnothing 6\text{ m} / 28\text{ m}^2$ – mounting height 2,4 m
 - $\varnothing 10\text{ m} / 79\text{ m}^2$ – mounting height 3,5 m
- detector operating parameter configuration: on-board buttons
- digital motion detection algorithm
- digital temperature compensation
- adjustable detection sensitivity
- built-in EOL resistors: 1.1 k Ω
- LED indicator:
 - selectable alarm indication color (7 colors available)
 - remote on/off control
- 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 removal from the mounting surface
- ceiling surface mounting



Environmental class according to EN50130-5	II
EOL resistors	2 x 1,1 k Ω
Relay contact resistance (alarm output)	26 Ω
Tamper outputs (NC)	100 mA / 30 V DC
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Security grade according to EN50131-2-2	Grade 2
Warm-up period	30 s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
Alarm signaling time	2 s
Supply voltage	12 V DC
Dimensions	$\varnothing 120 \times 37\text{ mm}$
Maximum humidity	93 $\pm$ 3%
Weight	115 g
Max. current consumption	38 mA
Standby mode current consumption	11 mA
Recommended mounting height	2,4...3,5 m
Operating temperature range	-10°C...+55°C