SLIM-R-DUAL-PRO

SLIM–R–DUAL–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–DUAL–PRO**).

- compliant with the **EN 50131 Grade 3** requirements
- motion detection using two sensors: passive infrared (PIR) and microwave (MW)
- active IR anti–masking compliant with EN 50131–2–4 for Grade 3 (delay: 1 s / 60 s)
- maximum detection area:
  - ø 8 m / 50 m^2 – mounting height 2,4 m
  - ø 9.3 m / 79 m^2 – mounting height 3,5 m
- digital motion detection algorithm for both sensors
- digital temperature compensation
- adjustable detection sensitivity for both sensors
- separate sensor testing feature
- digital filtering of signals received by the microwave sensor, ensuring immunity to interference caused by the power grid and discharge lamps
- selectable operating modes: basic, advanced, PIR, or MW
- detector operating parameter configuration:
  - on–board buttons
  - **OPT–1** remote keyfob
- built–in EOL resistors: 1,1 kΩ, 4,7 kW, 5,6 kW
- LED indicator:
  - selectable colour
  - 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 detector tilt (optional, when tilt detection is enabled)
- installation in suspended ceiling

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

Complied with standards	EN 50131-1, EN 50131-2-4, EN 50130-4, EN 50130-5
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
Warm-up period	30 s
Security grade according to EN50131-2-4	Grade 3
Microwave frequency	24,125 GHz
Supply voltage	12 V DC
Alarm signaling time	2 s
Environmental class according to EN50130-5	II
Dimensions	ø 130 x 42 mm
Maximum humidity	93±3
Weight	141 g
Max. current consumption	50 mA
Standby mode current consumption	18 mA
Recommended mounting height	2,4...3,5 m
Operating temperature range	-10°C...+55°C
Detected target velocity	0,2...3 m/s

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