

SLIM-DUAL-PRO

DUAL-TECH PIR+MW MOTION DETECTOR WITH IR ANTI-MASKING FUNCTION

SLIM-DUAL-PRO detects motion in the protected area.

- compliance with EN 50131 requirements for Grade 3
- motion detection using two sensors: a passive infrared (PIR) sensor and a microwave (MW) sensor
- adjustable detection sensitivity of both sensors
- option to test the sensors separately
- digital motion detection algorithm
- digital temperature compensation
- digital filter of signals received by the microwave sensor to ensure immunity to false alarms caused by the power network and discharge lamps
- operating mode selection: basic or advanced
- 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 50131-2-4 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 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ)
- LED indicator
- selectable color of 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 |
| Max. current consumption | 85 mA |
| Weight | 144 g |
| Maximum humidity | 93±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 50131-2-4, EN 50130-4, EN 50130-5 |
| Microwave frequency | 24,125 GHz |
| Security grade according to EN50131-2-4 | Grade 3 |
| EOL resistors | 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ |
| Warm-up period | 30 s |
| 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 |