

# SLIM-PIR-PRO BUS

## BUS PIR MOTION DETECTOR WITH ANTI-MASKING

The **SLIM-PIR-PRO BUS** detector detects motion within the protected area using infrared technology. The detector can be connected to the RS communication bus of a SATEL alarm control panel supporting bus-connected devices.

- compliant with **EN 50131-2-2 Grade 3** requirements
- motion detection using a passive infrared (PIR) sensor
- maximum detection area: 20 m × 24 m, 90°
- adjustable detection sensitivity
- digital motion detection algorithm
- digital temperature compensation
- option to enable/disable creep zone control
- wide-angle lens specially designed for detectors from the SLIM LINE series
- replaceable lens with either a curtain lens (CT-CL) or a long-range lens (LR-CL)
- active IR anti-masking compliant with EN 50131-2-2 for Grade 3
- RS communication bus
- settings configuration via the RS bus
- firmware update via the RS bus
- built-in temperature sensor (measurement range: -10°C to +55°C)
- LED indicators
- 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
- adjustable mounting bracket (BRACKET D) included

## 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                                            |
| Standby mode current consumption           | 15 mA                                            |
| Max. current consumption                   | 68 mA                                            |
| Weight                                     | 143 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 50131-2-2, EN 50130-4, EN 50130-5 |
| Warm-up period                             | 30 s                                             |
| Security grade according to EN50131-2-2    | Grade 3                                          |
| Permissible installation height            | up to 4 m                                        |