

GREY Plus

Dual technology motion detector that combines PIR technology with microwave detection is suitable for protection of rooms with suboptimal environmental conditions where drafts or intensive convection may occur. The use of new microwave sensor operating at 24GHz frequency, together with 0402 SMD technology, allowed to design a dual technology device that fits into a typical PIR enclosure. These make GREY a great choice for protection of rooms with a fireplace or hot-air heating systems, where the appearance of the installation components is of the same importance as their reliability.

- dual detection technology PIR+microwave that ensures reliability even in harsh conditions,
- microwave antimask feature
- ambient temperature compensation,
- remote test mode and alarm memory features,
- PET immune mode (up to 15 kg)
- built-in end-of-line resistors (2EOL: 2 x 1.1 kΩ)



Complied with standards

Coverage area (PET option on)	13 m x 11 m, 81°
Coverage area (PET option off)	15 m x 11 m, 89°
Relay contact resistance (anti-masking output)	34 Ω
Relay contact resistance (alarm output)	34 Ω
Anti-masking outputs (NC relay, resistive load)	40 mA / 24 V DC
Tamper outputs (NC)	100 mA / 30 V DC
Alarm outputs (NC relay, resistive load)	40 mA / 16 V DC
Warm-up period	35 s
Security grade according to EN50131-2-4	Grade 2
Microwave frequency	24 GHz
Supply voltage	12 V DC
Alarm signaling time	2 s
Environmental class according to EN50130-5	II
Dimensions	63 x 96 x 49 mm
Maximum humidity	93±3%
Weight	100 g
Max. current consumption	18 mA
Standby mode current consumption	15 mA
Recommended mounting height	2,4 m
Operating temperature range	-10...+55 °C
Detected target velocity	0,3...3 m/s