

Intrusion Detectors
Internal Motion Detectors
Dual Internal Motion Detectors



Type

Order No.

IRM270..



PIR/MW motion detector, 18 m wide angle

Reliable recognition of intruders is ensured thanks to sophisticated digital signal processing and interconnection between the microwave and passive infrared sections. To achieve this, both subsystems are subject to a multi-criteria analysis, and any unwanted interference is recognized and suppressed by the individual subsystems.

Range	18 m
Supply voltage	8 ~ 16 VDC (typical)
Current consumption	7.5 mA (13 mA on alarm)
Alarm relay output (NO/NC)	30 VDC / 100 mA / Ri 33 Ohm NC
Alarm holding time	2 ~ 3 s
Tamper relay output (NO/NC)	30 VDC / 50 mA NC
Control input	Low ≤ 1.5 V / high ≥ 3.5 V
Walking speed	0.2 ~ 4 m/s
Operating temperature	-20 ~ +55 °C
Dimensions (W x H x D)	136 x 55 x 57 mm
Air humidity (EN 60721)	< 95% rH, non-condensing
EMC up to 2 GHz	30 V/m
Weight	0.120 kg

IRM270..

IRM270C

PIR/MW motion detector, 18 m wide angle, 10.525 GHz

See IRM270.. for technical overview and note the additional / other specifications:

Microwave (MW)	10.525 GHz
Data sheet	008556

A5Q00007825

IRM270MD

PIR/MW motion detector, 18 m wide angle, 9.35 GHz, VdS approval

See IRM270.. for technical overview and note the additional / other specifications:

Microwave (MW)	9.35 GHz
Approval	VdS Class B
Data sheet	008528

A5Q00002671

IRM270CFR

PIR/MW motion detector, 18 m wide angle, 9.9 GHz

See IRM270.. for technical overview and note the additional / other specifications:

Microwave (MW)	9.9 GHz
Data sheet	008557

A5Q00007831

IRM270CUK

PIR/MW motion detector, 18 m wide angle, 10.687 GHz

See IRM270.. for technical overview and note the additional / other specifications:

Microwave (MW)	10.687 GHz
Data sheet	008558

A5Q00007840