MultiSensor-RF-BAT – DATASHEET



Legacy product
This product is no longer available. The documentation is still available as an archive.

ORDER-CODES:
KMS-RF-BAT-B/W

Function	MultiSensor for room monitoring with battery supply
Connection possibility	AlarmManager-PRO (ART: KAM-PRO-x) MultiSensor-LAN-RF (ART: KMS-LAN_RF-x)
Sensor temperature	Measuring range -20 to 99°C (accuracy ± 0.5°C)
Sensor – Relative humidity	Measuring range 0 to 100% (accuracy ±3%)
Dew point	Calculated in °C

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Sensor – motion detector	PIR sensor, trigger sensitivity adjustableCapture cone: approx. 100°Range: approx. 8m
Sensor – Vibration	3-axis accelerometer with position detection (sensitivity adjustable), measuring range 0.25-5G
Sensor – Carbon monoxide (CO)	0-10,000ppm measurement ± 10%Internal triggering: 20-200ppm (0-100%), lifetime approx. 10 years
Signal generator	85dB, 2.3kHz
LED	Multicolor LED (red/green) Alarm (red) Door contact, teach-in (green/green-blinking)
Radio	ZigBee® 2.4GHz ISM Band +3dBm Output Power. IEEE802.15.4Encryption AES 128 bit
Power supply	Lithium Ion battery, 1/2 AA 3.6V (TYPE: LS14250, 1200 mAh), battery life up to 2 years
Housing	Material: PS 90 x 90 x 45 mm Weight approx. 100g Colors: White, Black
Environmental conditions	Temperature 0 – 50°C Humidity 5-95%, non-condensing
Types	KMS-RF-BAT-B (Black housing) KMS-RF-BAT-W (White housing)
Scope of delivery	Mounting bracket, battery lithium ion 1/2AA (LS14250)
Exams	CE

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