

# MultiSensor ROOM - DATASHEET



ORDER-CODES:

KMS-ROOM-B-BLE, KMS-ROOM-W-BLE

<b>Function</b>	MultiSensor for room monitoring with battery supply
<b>Connection possibility</b>	MultiSensor-LAN-BLE (ART: KMS-LAN-x-BLE) MultiSensor TI-BLE (ART: KMS-TI-xx-x-BLE)
<b>Sensor temperature</b>	Measuring range -20 to 99°C (accuracy $\pm 0.5^{\circ}\text{C}$ )
<b>Sensor - Relative humidity</b>	Measuring range 0 to 100% (accuracy $\pm 3\%$ )
<b>Dew point</b>	Calculated in $^{\circ}\text{C}$
<b>Sensor - motion detector</b>	PIR sensor, trigger sensitivity adjustable, detection cone: approx. $100^{\circ}$ Range: approx. 8m

<b>Sensor - Vibration</b>	3-axis accelerometer with position detection (sensitivity adjustable), measuring range 0.25-5G
<b>Sensor - Carbon monoxide (CO)</b>	0-10,000ppm measurement $\pm$ 10%, Internal triggering: 20-200ppm (0-100%), Lifetime approx. 10 years
<b>Signal generator</b>	85dB, 2.3kHz
<b>LED</b>	Multicolor LED (red/green) Alarm (red) Door contact, teach-in (green/green-blinking)
<b>Radio</b>	BLE 2.4GHz ISM band, encryption AES 128 bit
<b>Power supply</b>	Lithium Ion battery, 1/2 AA 3.6V (TYPE: LS14250, 1200 mAh), battery life up to 2 years
<b>Housing</b>	Material: PS 90 x 90 x 45 mm Weight approx. 100g Colors: White, Black
<b>Environmental conditions</b>	Temperature 0 - 50°C Humidity 5-95%, non-condensing
<b>Types</b>	KMS-ROOM-B-BLE (Black housing) KMS-ROOM-W-BLE (Housing White)
<b>Scope of delivery</b>	Mounting bracket, battery lithium ion 1/2AA (LS14250)
<b>Certification</b>	CE