

# MultiSensor-Door - DATASHEET



ORDER-CODES:

KMS-DOOR-B-BLE, KMS-DOOR-W-BLE

Function	MultiSensor for room monitoring with battery supply
<b>Connection possibility</b>	AlarmManager-PRO (ART: KAM-PRO-x) MultiSensor-LAN-RF (ART: KMS-LAN_RF-x)
<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>Sensor - dew point</b>	Calculated in $^{\circ}\text{C}$
<b>Sensor - Vibration</b>	3-axis accelerometer with position detection (sensitivity adjustable), measuring range 0.25-5G
<b>Sensor - Sabotage</b>	Sabotage message during disassembly

<b>Sensor - door contact</b>	Magnetic sensor for door position (distance approx. 1 cm)
<b>Signal generator</b>	65dB, 2.3kHz
<b>LED</b>	Multicolor LED (red/green) Alarm (red) Door contact, teach-in (green/green-blinking)
<b>Radio</b>	ZigBee® 2.4GHz ISM Band +3dBm Output Power. IEEE802.15.4 Encryption AES 128 bit
<b>Power supply</b>	Lithium Ion battery, 1/2 AA 3.6V (TYPE: LS14250, 1200 mAh), battery life up to 4 years
<b>Housing</b>	Material: PS 63 x 29 x 28 mm Weight approx. 50g Colors: White, Black
<b>Environmental conditions</b>	Temperature 0 - 45°C Humidity 5-95%, non-condensing
<b>Types</b>	KMS-DOOR-B (Black housing) KMS-DOOR-W (White housing)
<b>Scope of delivery</b>	1x Li-battery 3.6V/1200mAh Assembly material Door contact magnet
<b>Exams</b>	CE