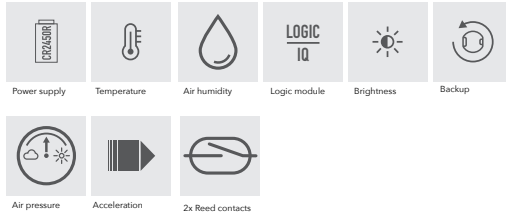


frogMultiSense

Multifunctional sensor with exchangeable battery CR2450 (45 x 45 x 13 mm) with sensors for temperature, humidity, air pressure and brightness. Window opening or door opening detection using magnetic contacts and acceleration sensor (gyro sensor).



Technical Data

Category

Article designation	frogMultiSense
Article number	SU-MultiSense.01
Type of assembly	Mounting plate or adhesive pad

Functions and power

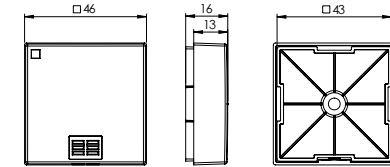
Inputs	2 Reed contact (left and right)
Outputs	-
Integrated logic module	Yes
Configuration Backup	Yes
Acceleration sensor	Yes
Air pressure sensor	Measuring range from 260 to 1260 mbar
Air humidity sensor	Measuring range from 0 - 100% relative humidity, non-condensing
Temperature sensor	Measuring range from -20°C to 50°C
Brightness sensor	Measuring range from 0.01 lux to 100 k lux

frogMultiSense

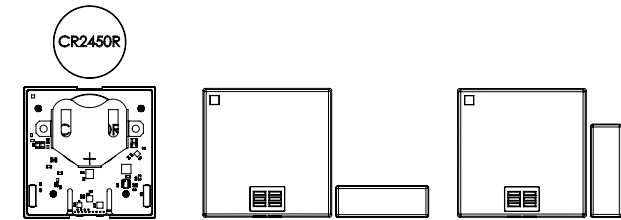
Dimension and weight

Dimensions (L x B x H): 46x 46 x 13 mm

Weight: 41g



Connection example



Battery

Type	CR2450R 3V lithium battery (recommended Murata CR2450R)
Quantity	1
Battery replaceable	Yes
Service life	Up to 2 years (temperature repetition rate "normal")

Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483,5 MHz, max. 3,4 dBm
Typical radio open field range	30 meters

Operation and storage

Ambient temperature	-20°C to +55°C
Storage/transport temperature	-25°C to +60°C
Air humidity (during operation)	(Non-condensing)
IP Protection class	IP20

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530552
Packaging dimensions (L x B x H) 1 unit	75 x 75 x 30 mm

