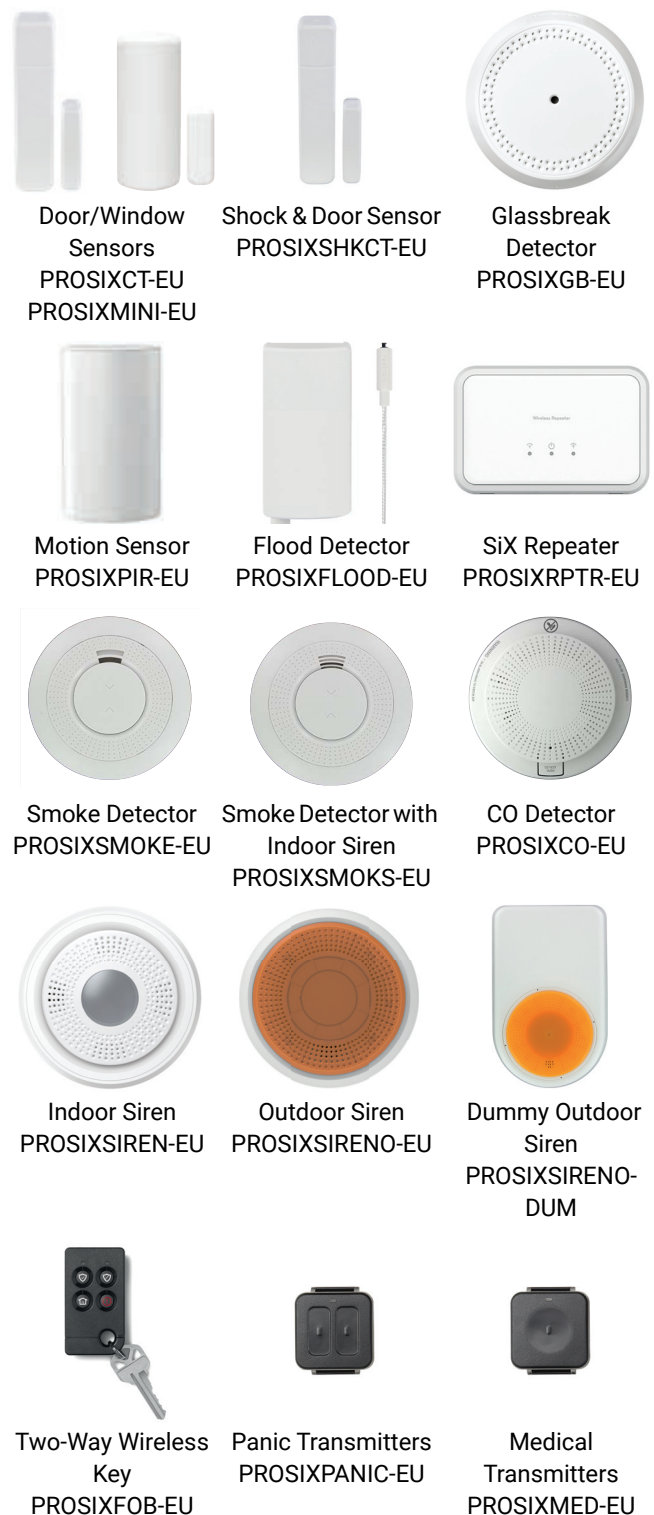# ProSeries Security and Life Safety Sensors

Application

ProSeries sensors use next generation Two-Way Wireless Technology utilizing Resideo's proprietary SiX® protocol for security and the connected home. With its proven innovative technology and superior performance, PROSiX enables faster installations, supports easier maintenance, and employs secure, encrypted communication.

Compatible with the Resideo ProSeries security and life safety platform, the technology is available for a wide selection of devices for intrusion, life safety, property protection, as well as in wearables, giving users immediate and convenient access to important system functions.

Special Features

- **Secure Encryption**
  Employs 128-bit AES encryption for a high level of security.
- **Remote Diagnostics**
  Use System Health Check to proactively troubleshoot by monitoring device signal strength, sensor settings, and battery life anytime, anywhere.
- **Fewer Customer Visits**
  Reduces maintenance time with easily replaceable batteries, up to 5 years battery life on several devices and the ability to remotely update firmware of the panel and the peripherals.
- **One-Go-All-Go Interconnected Smoke Alarm**
  If one device goes into alarm mode either manually or system triggered, all other associated smoke devices throughout the premises will sound to alert occupants of a threat, which adds an extra layer of safety and assurance.

Door/Window Sensors
PROSIXCT-EU
PROSIXMINI-EU

Shock & Door Sensor
PROSIXSHKCT-EU

Glassbreak Detector
PROSIXGB-EU

Motion Sensor
PROSIXPIR-EU

Flood Detector
PROSIXFLOOD-EU

SiX Repeater
PROSIXRPTR-EU

Smoke Detector
PROSIXSMOKE-EU

Smoke Detector with Indoor Siren
PROSIXSMOKS-EU

CO Detector
PROSIXCO-EU

Indoor Siren
PROSIXSIREN-EU

Outdoor Siren
PROSIXSIRENO-EU

Dummy Outdoor Siren
PROSIXSIRENO-DUM

Two-Way Wireless Key
PROSIXFOB-EU

Panic Transmitters
PROSIXPANIC-EU

Medical Transmitters
PROSIXMED-EU

Technical Data

Intrusion Sensors

Door/Window Sensor	PROSIXCT-EU
Shock and Door Sensor	**PROSIXSHKCT-EU**
Magnetic Gap:	20 mm gap for reed switch
Magnet Position:	Left and right
Shock detection:	PROSIXSHKCT-EU only (accelerometer)
Tamper protected:	Cover and wall tamper
Auxiliary Input Terminal:	Yes (NC)
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Mini Door/Window Sensor	PROSIXMINI-EU
Magnetic Gap:	24 mm gap for reed switch
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2 battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Glassbreak Detector	PROSIXGB-EU
Detection range:	7.60 m
Tester:	FG701
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Temp. Compensation:	Yes
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA

Motion Sensor	PROSIXPIR-EU
Lens:	Fresnel
Detection Angle:	90°
Detection Pattern:	12 m x 17 m
Pet Immune:	Yes
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Temp. Compensation:	Yes
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Flood Detector	PROSIXFLOOD-EU
Flood Detection:	Sensing cable
Cable length:	1.2 m
Tamper protected:	Cover and wall tamper
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA

SiX Repeater	PROSIXRPTR-EU
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
AC Power Supply:	Yes
Operating voltage:	5.0 V DC
Battery:	3.6 V Rechargeable Lithium
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA

Life Safety

Smoke Detector	PROSIXSMOKE-EU
Tamper protected:	Cover tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 2)
Battery life:	5 years (typical use)
Product life:	10 years
Siren:	85dBa @ 3.0m
Operating temperature:	0 °C to +40 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 14604

Smoke Detector with Indoor siren	PROSIXSMOKS-EU
Additional Indoor Siren feature:	Yes
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 2)
Battery life:	5 years (typical use)
Product life:	10 years
Siren:	85dBa @ 3.0m
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 14604, EN 50131

CO Detector	PROSIXCO-EU
Tamper protected:	Cover tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 4)
Battery life:	5 years (typical use)
Product life:	10 years
Siren:	85dBa @ 3.0m
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50291

Sounders

Indoor Siren	PROSIXSIREN-EU
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Siren Output Level:	95dB @ 1 m
Power Requirements:	1.5 V, AA L91 Lithium (Qty 4)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative Humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Outdoor Siren	PROSIXSIRENO-EU
Tamper protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Siren Output Level:	95dB à 1 m
Power Requirements:	1.5 V, AA L91 Lithium (Qty 4)
Battery life:	5 years (typical use)
Operating temperature:	-25 °C to +60 °C
Ingress Protection:	IP54
Standards and Approvals:	CE, UKCA

Dummy Outdoor Siren	PROSIXSIRENO-DUM
Application:	Dissuasive
Weather resistance:	Yes
Radio:	non
Siren module:	non
Battery:	non

Wearables

Two-Way Wireless Keyfob	PROSIXFOB-EU
LED Indicators:	2 LEDs
Sounder:	Yes (buzzer)
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2032 coin cell battery (Qty 1)
Battery life:	2.5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
Battery life:	Two years (typical use)
Number of buttons:	Four
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Personal Panic Transmitter	PROSIXPANIC-EU
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2450 battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
LED Indicators:	One LED
Number of buttons:	Two
Accessories:	Belt clip, lanyard, wristband
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Personal Medical Transmitter	PROSIXMED-EU
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2450 coin cell battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
LED Indicators:	One LED
Number of buttons:	One
Accessories:	Belt clip, lanyard, wristband
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Ordering Information

Options

Description	Dimensions (H: Y-axis / W: X axis / L: Z axis)	Weight	Item No.
Door/Window Sensor	H= 24 mm, L= 105 mm, W= 23 mm	63 g	PROSIXCT-EU
Mini Door/Window Sensor	H= 19 mm, L= 73 mm, W= 30 mm	37 g	PROSIXMINI-EU
Shock and Door Sensor	H= 24 mm, L= 105 mm, W= 23 mm	63 g	PROSIXSHKCT-EU
Glassbreak Detector	H= 29 mm, 90 mm diameter	97 g	PROSIXGB-EU
Motion Sensor	H= 106 mm, L= 41 mm, W= 60 mm	115 g	PROSIXPIR-EU
Flood Detector	H= 79 mm, L= 41 mm, W= 30 mm	84 g	PROSIXFLOOD-EU
Wireless SiX repeater	H= 113 mm, L= 175 mm, W= 31 mm	125 g	PROSIXRPTR-EU
Smoke Detector	46 mm, 120 mm diameter	205 g	PROSIXSMOKE-EU
Smoke Detector with indoor Siren	46 mm, 120 mm diameter	205 g	PROSIXSMOKS-EU
CO Detector	50 mm, 158 mm diameter	406 g	PROSIXCO-EU
Indoor Siren - Audible and Visual Alarm Device	H= 49 mm, 139 mm diameter	277 g	PROSIXSIREN-EU
Outdoor Siren - Audible and Visual Alarm Device	H= 49 mm, 155 mm diameter	358 g	PROSIXSIRENO-EU
Dummy Outdoor Siren / extension box for PROSIXSIRENO-EU	H= 278 mm, L= 173 mm, W= 40 mm	375 g	PROSIXSIRENO-DUM
Two-Way Wireless Keyfob	H= 11 mm, L= 36 mm, W= 65 mm	35 g	PROSIXFOB-EU
Personal Medical Transmitter	H= 15 mm, L= 47 mm, W= 40 mm	25 g	PROSIXMED-EU
Personal Panic Transmitter	H= 15 mm, L= 47 mm, W= 40 mm	25 g	PROSIXPANIC-EU