

PRODUCTS CATALOGUE

JANUARY 2020



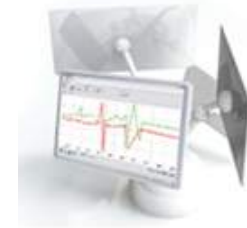
How does it work ?



THE DATA LOGGERS

They are spread in the area which has to be monitored. They send to the radio receiver by radiofrequency the measurements they take. They can be wireless configured and updated.

MONITORING



The wireless data logger sends the measurements in real time to the supervisor.

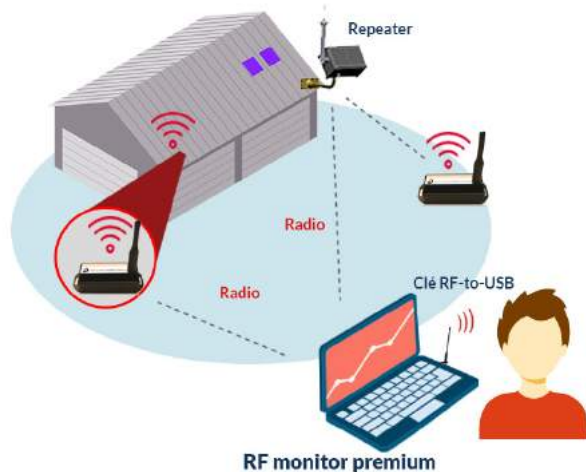
If a measurement is not received by the receiver, it will save it in its internal memory and send it

RECORDING



The logger records in its embedded memory the measures it takes. The user can download all the stored measures when he wants.

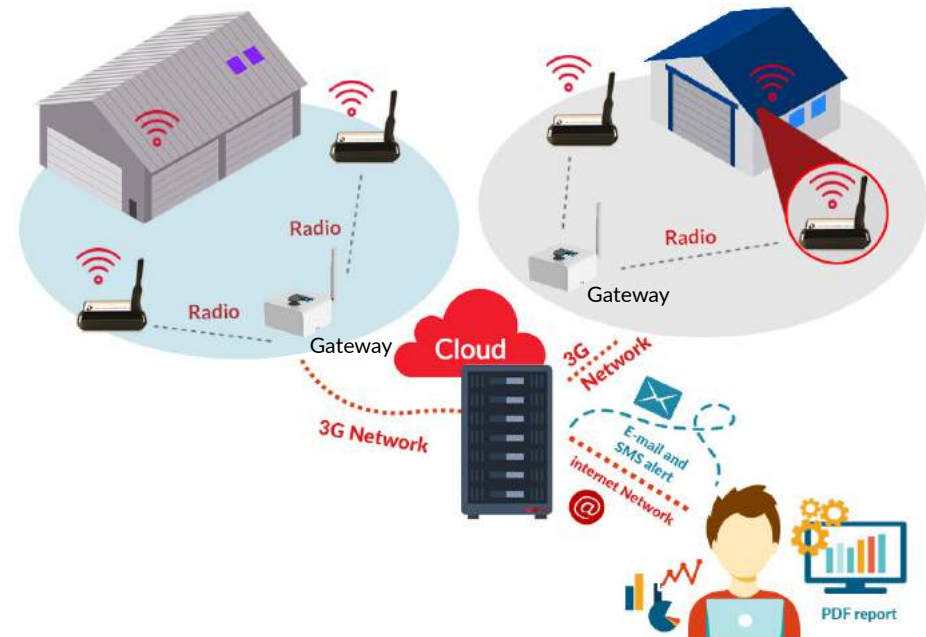
Create your own sensor network...



For single-site installations

Using RF MONITOR PREMIUM software

- The loggers communicate with a PC; the measurements are displayed only on this PC.






For multi-site installations

Using an ethernet or 3G gateway

- The Logger equipped with a sensor takes the measure and transmits it by radio to the gateway.
- The gateway transmits the measurements through Ethernet or 3G to a central database,
- Measurements are displayed in the cloud, on the Webmonitor application
- A real-time alert can be sent anywhere to the supervisor.




LOG

TEMPERATURE DATA LOGGERS

-  ½ Wavelength
-  IP54 Casing
-  ½ AA (LT) Battery



References	Temperature Sensor
PFPN-LOG26-001	-40°C ... +70°C ± 0.3°C

-  ½ Wavelength
-  IP65 Casing
-  AA (LT) Battery



References	Temperature Sensor	Accessory
PFPN-LOG36-001	-40°C ... +85°C ± 0.3°C	
PFPN-LOG36-004	-40°C ... +85°C ± 0.3°C	with fixing plate fixed to the case
PFPN-LOG36-005	-40°C ... +85°C ± 0.3°C	with fixing plate fixed to the case + high autonomy pack : 2 batteries

-  Internal Antenna
-  IP67 Casing



References	Temperature Sensor	Battery
PFPN-LOM56-001	-5°C ... +50°C ± 0.3°C	Alkaline battery
PFPN-LOM56-006	-40°C ... +70°C ± 0.3°C	Lithium battery



½ Wavelength



IP65 Casing



A (LT) Battery



References

Temperature Sensor

Accessory

PFPN-LOG86-001

-40°C ... +70°C ± 0.3°C



Internal Antenna



IP67 Casing



½ AA (LT) Battery



References

Temp. Sensor

PFPN-LOM16-001

-40°C ... +70°C ± 0.3°C

PFKI-LOM16-002
(Set of 5 pieces)

-40°C ... +70°C ± 0.3°C

PFPN-LOM18-001

-10°C ... +60°C ± 0.1°C

PFKI-LOM18-002
(Set of 5 pieces)

-10°C ... +60°C ± 0.1°C

LOG

TEMPERATURE AND HUMIDITY DATA LOGGERS

 ½ Wavelength

 IP54 Casing

 ½ AA (LT) Battery



References	Temp. Sensor	Humidity Sensor
PFPN-LOG20-001	-40°C ... +70°C ± 0.5°C	0 ... 100% ± 4,5%
PFPN-LOG22-001	-40°C ... +70°C ± 0.4°C	0 ... 100% ± 3%
PFPN-LOG25-001	-40°C ... +70°C ± 0.3°C	0 ... 100% ± 2%

 Internal Antenna

 IP54 Casing

 ½ AA (LT) Battery



References	Temp. Sensor	Humidity Sensor
PFPN-LOG12-001	-40°C ... +70°C ± 0.4°C	0 ... 100% ± 3%
PFPN-LOG12-004	-40°C ... +70°C ± 0.4°C	0 ... 100% ± 3%

Non-condensing area

Dew Point calculation and display on all our temperature and humidity data loggers.

LGR

DATA LOGGERS



½ Wavelength



IP65 Aluminium



AA (LT) Battery



References	Temp. Sensor
PFPN-LGR30-001	For PT100
PFPN-LGR32-001	For Newsteo Temp & Humidity probe
PFPN-LGR33-001	For PT1000
PFPN-LGR36-001	For Newsteo digital Temperature probe
PFPN-LGR37-001	For Thermocouple K
PFPN-LGR37-004	For Thermocouple J
PFPN-LGR37-005	For Thermocouple T
PFPN-LGR46-001	For Newsteo Double external probe of Temperature.



½ Wavelength



IP65 Aluminium

















AA (LT) Battery



References	Temp. Sensor	Humidity Sensor
PFPN-LGR64-001	-40°C ... +85°C ± 0.2°C	0 ... 100 % ± 1.8%, dew formation resistant

LGR PROBES



	References	For	Sensor	Measurement range	Characteristics
	PFPN-STE33-001	LGR33	PT1000	-50 to 180°C	Probe of stainless steel of 100mm
	PFPN-STE33-002	LGR33	PT1000	-196 to 150°C	Stainless steel
	PFPN-STE33-003	LGR33	PT1000	-50 to +250 °C	Probe for food
	PFPN-STE51-002	LGR36	Digital Temp.	-40 to 80°C± 0.3°C	Integrated temperature sensor
	PFPN-STE51-003	LGR36	Digital Temp.	-40 to 80°C± 0.3°C Up to +100°C (temporary)	Integrated temperature sensor
	PFPN-STE51-004	LGR36	Digital Temp.	-40 to 80°C± 0.3°C	Probe with ribbon cable for use through a refrigerator door
	PFPN-STE51-005	LGR36	Digital Temp.	-40 to 80°C± 0.3°C Up to +100°C (temporary)	Single temperature probe in stainless steel for temperature pipe monitoring, cable 5 meters.
	PFPN-STT51-002	LGR46	Digital Temp.	-40 to 80°C ± 0.3°C Up to +100°C (temporary)	Dual temperature probe
	PFPN-STT51-003	LGR46	Digital Temp.	-40 to 80°C ± 0.3°C Up to +100°C (temporary)	Dual temperature probe, for temperature pipe monitoring

	References	For	Sensor	Temperature	Characteristics
	PFPN-STH54-001	LGR32	Digital Temp. & Hum.	-40 to +125°C± 0.2°C 0..100%± 1.8%	Integrated temperature & humidity sensor in stainless steel*
	PFPN-STC01-002	LGR37	Thermocouple K	-100 to 1100°C	Thermocouple K with probe of 250 mm Supplied with a CON05
	PFPN-STC01-003	LGR37	Thermocouple K	-75°C to +250°C	Thermocouple K, 5 meters cable Supplied with a CON05
	PFPN-STC32-001	LGR37	Thermocouple T	-185°C to +200°C	Thermocouple T With probe of 200 mm, cable 3 meters Supplied on a moulded connector
	PFPN-STE32-001	LGR30	PT100	-50° to +250°C	Stainless steel

* Dew formation resistant.

LGR

CABLE AND CONNECTOR

	References	Type	Compliance	IP	Characteristics
	PFPN-CON05-001	Connector	LGR37	IP65	To connect any thermocouple (K, J, T)
	PFPN-SES55-001	Cable	Any LGR except thermocouple	IP65	5 meters cable - Provided with fast contactor

If you want to use your own sensor, you have to order a cable and a connector to plug it on the LGR.

LGS

DATA LOGGERS



½ Wavelength



IP65 Aluminium







AA (LT) Battery



References	Interface	Range of measure
PFPN-LGS31-001	Potentiometer	0 to 100% Impedance: 1 KOhm ... 65 KOhm
PFPN-LGP33-001	Potentiometer 3 inputs	0 to 100% Impedance: 1 KOhm ... 65 KOhm
PFPN-LGS33-001	0-2.5V	0 ... 2.5V
PFPN-LGS34-001	4-20mA	0 ... 20mA Impedance: 62 Ohm
PFPN-LGS35-001	0-10V	0 ... 10 Volt
PFPN-LGS36-001	Relay	10 Hz
PFPN-LGS37-001	-50/+50mV	-50 ... +50mV
PFPN-LGS39-001	Impulse	10 Hz

LGS

CABLES AND CONNECTORS

	References	Type	Compliance	IP	Characteristics
	PFPN-SES55-001	Cable	LGS33 LGS34 LGS35 LGS36 LGS37 LGS39	IP65	5 meters cable to connect a sensor, provided with fast contactors.
	PFPN-SES58-001	Cable	LGS31 - LGP33	IP65	5 meters cable to connect a sensor, provided with fast contactors.
	PFPN-CON05-001	Connector	LGS33 LGS34 LGS35 LGS36 LGS37 LGS39	IP65	To directly connect the customer sensor to the LGS.
	PFPN-CON08-001	Connector	LGS31 - LGP33	IP65	To directly connect the customer sensor to the LGS.

If you want to use your own sensor, you have to order a cable or a connector to plug it on the LGS.

LGS36









LIQUID DETECTION




References	Type	Compliance	Characteristics
PFPN-SWA51-001	Liquid detection	LGS36	0/1 Detection

LGS31

CRACKMETER-EXTENSOMETER

	References	Type	Compliance	IP	Characteristics
	PFPPN-FISSU-001	Crackmeter	LGS31-001 +STI58-002	IP40	Measurement bracket: 0... 10 mm
	PFPPN-STI58-002	Associated Cable	LGS31-001	IP40	5 meters cable with connector for FISSU-001, FISSU-004 and FISSU-00A
	PFPPN-FISSU-002	Crackmeter	LGS31-001 +STI8-003	IP67	Measurement bracket: 0 ... 25 mm
	PFPPN-STI58-003	Associated Cable	LGS31-001	IP67	5 meters cable with connector for FISSU-002 and FISSU-008
	PFPPN-FISSU-003	Crackmeter	LGS31-001 + STI58-004	IP65	Measurement bracket: 0 ... 50 mm
	PFPPN-STI58-004	Associated Cable	LGS31-001	IP67	5 meters cable with connector for FISSU-003
	PFPPN-FISSU-005	Crackmeter + Cable	LGS31-001	IP65	Measurement bracket: 0 ... 25 mm Cable and connecteur included in crackmeter to connection
	PFPPN-FISSU-004	Crackmeter	LGS31-001 +STI58-002	IP40	Measurement bracket: 0 ... 25 mm
	PFPPN-FISSU-008	Crackmeter	LGS31-001 +STI58-003	IP67	Measurement bracket: 0 ... 50 mm
	PFPPN-FISSU-009	Crackmeter	LGS31-001	IP67	Measurement bracket: 0 ... 50 mm Connector included to connexion
	PFPPN-FISSU-00A	Crackmeter	LGS31-001 +STI58-002	IP40	Measurement bracket: 0 ... 50 mm




CRACKMETER ACCESSORIES



References	Type	Compliance	Characteristics
PFPN-FIXFI-001	Fixation	FISSU-001 FISSU-004 FISSU-00A	2 fixing brackets
PFPN-FIXFI-002	Fixation	FISSU-001 FISSU-004 FISSU-00A	fixing plate and bumper

LGJ3D

DATA LOGGERS

-  ½ Wavelength
-  IP65 Aluminium
-  AA (LT) Battery



References	Interface	Inputs
PFPN-LGJ3D-001	Strain gauges - Full Bridge (wheatstone bridge)	+/- 50 mV for a 2.7V excitation 1 input

CABLE AND CONNECTOR



References	Type	Compliance	IP	Characteristics
PFPN-SES58-001	Cable	LGJ3D	IP65	5 meters cable to connect a sensor, provided with fast contactors.
PFPN-CON08-001	Connector	LGJ3D	IP65	Connector used to connect the sensor of your choice

If you want to use your own sensor, you have to order a cable or a connector to plug it on the LGJ.

LGN45

DATA LOGGERS



Full Wavelength



IP66 Aluminium



C (LT) Battery



References	Interface	Range of measure	Power supply for the sensor
PFPN-LGN45-001	-5V / +5V 5 inputs	-5V ... +5V	13.6V Consu. max : 20mA (per sensor)

CABLE AND CONNECTOR



PFPN-SES58-001

Cable

LGN45

IP65

5 meters cable to connect a sensor, provided with fast contactors.



PFPN-CON08-001

Connecteur

LGN45

IP65

Connector used to connect the sensor of your choice

If you want to use your own sensor, you have to order a cable or a connector to plug it on the LGN.

LGV

DATA LOGGERS



Full
Wavelength



IP67
Aluminium













C (LT)
Spiral
Battery



References	Interface	Range of measure
PFPN-LGV41-003	Vibrating wire 4 inputs (for 4 vibrating wires)	300 Hz ... 3500 Hz

USB - TEMPMATE

USB TEMPERATURE RECORDERS

		References	Content	Characteristics
 USB Connection  IP67  CR2450 button cell		PFKI-LTM6E-001	Tempmate S1 - Set of 20 USB recorders - Single-use - Recording cycle : 110 days - Recording frequency : 10 min	-30°C to 70°C ±0.5°C from -20°C to +40°C ± 1°C for other range EN12830
		VIPJ-PRERA-003	Tempmate S1 : personnalisation (limits, recording frequency) Minimum quantity : 5 sets	
 USB Connection  IP67  CR2032 Battery		PFPN-TEMM1-001	Tempmate M1 - Multi-use USB Temperature - Recorder with display	-30°C to 70°C ±0.5°C from -20°C to +40°C ± 1°C for other range EN12830
		PFPN-TEMSU-001	Wall-mounting bracket (for tempmate-M1) - Wall-mounting bracket - 2 magnets on the backside for magnetic fixing - Delivered with 2 screws	
		PFPN-TEMSSO-001	Temperature probe - The probe connects to the USB port of the Tempmate M1.	Range of measure : -40°C à +90°C Accuracy : ±0.5°C Length of cable: 1 meter

TRE TRACKERS



Internal Antenna



IP54 Casing



ALT Battery



References	Sensors	Operating Temp
PFPN-TRE35-001	Shock: -16g ... +16g Temp.: -40°C ... +85°C±0.3°C	-40°C ... +60°C
PFPN-TRE37-001	Shock: -16g ... +16g Temp.: -40°C ... +85°C±0.2°C Hum.: 0 to 100% rH ± 1.8%	-40°C ... +60°C
PFPN-TRE38-001	Shock: -16g ... +16g Temp.: -40°C ... +85°C ±0.2°C Hum.: 0 to 100% rH ± 1.8% Luminosity : 0 ... 220 Lux ± 30 Lux	-40°C ... +60°C

RPT REPEATERS



References	Specifications	Case	Antenna	Power supply
PFPN-RPS51-001	Outdoor radio relay	IP67	Full Wavelength	Solar panel
PFPN-RPT20-001	Indoor radio relay	IP50	1/2 Wavelength	Conventional AC Power (supplied)
PFPN-RPT30-001	Outdoor radio relay	IP65	1/2 Wavelength	Conventional AC Power (supplied)

CUB GATEWAYS



References	Transmission mode	Case	Antenna	Characteristics
PFPN-CUB22-001	Ethernet Wifi	IP30	Full Wavelength magnetic foot cable 4 meters	Indoor use Conventional AC Power Power adapter supplied



References	Transmission mode	Characteristics
PFKI-CUB24G-001	Mobile (3G/4G) Ethernet Wifi	CUB22 with 3G/4G USB Modem Supplied with PFPN-FRM10-001 and ANT14 long-range antenna
PFKI-CUB24G-002	Mobile (3G/4G) Ethernet Wifi	CUB22 with 3G/4G USB Modem Supplied with ANT14 long-range antenna

DATA BASE HOSTING AND WEBMONOTOR

The offer of hosting the database gives access to the Newsteo platform. Newsteo is responsible of hosting the database client, database which is linked to a facility with a Collector or a RF Monitor Gold software.

Access to the measurements via WebMonitor (web application) or DB Monitor.



References	Characteristics
VAHE-DBASE-001	Fees (Database hosting and WebMonitor)
VAHE-DBASE-012	Data base hosting (4Go Max) & WebMonitor - 12 months
VAHE-DBASE-024	Data base hosting (4Go Max) & WebMonitor - 24 months
VAHE-DBASE-036	Data base hosting (4Go Max) & WebMonitor - 36 months
VAHE-DBASE-048	Data base hosting (4Go Max) & WebMonitor - 48 months
VAHE-DBASE-060	Data base hosting (4Go Max) & WebMonitor - 60 months

DATA SUBSCRIPTION AND SIM CARD



References	Country	Time	Quantity
VAAB-GSF24-506	France	24 months	50Mo/months
VAAB-GSF36-506	France	36 months	50Mo/months
VAAB-GTE24-106	Europe	24 months	10Mo/months
VAAB-GTE36-106	Europe	36 months	10Mo/months
VAAB-GSF12-806	Europe	12 months	30Mo/months for 3G modem on CUB
VAAB-GSF24-806	Europe	24 months	30Mo/months for 3G modem on CUB

KES-KEX

FOR INTEGRATOR



References	Physical layer	IP	Antenna	Communication protocol
PFPN-KES63-001	Rf-to-RS232	IP30	Without Antenna	MODBUS
PFPN-KES65-001	Rf-to-RS485	IP30	Without Antenna	MODBUS
PFPN-KEX63-001	R5232	IP30	Without Antenna	NEWSTEO

SOFTWARE













References	Characteristics
PFPN-RFM10-001	RF Monitor with Premium Licence Delivered with KEY11-001 Premium: The measurements are stored on the PC, on a local database
PFPN-RFM40-001	RF Monitor Premium with CFR21 Delivered with KEY13-001

PFPN-RFMxx-001 kits composition:

- 1 x PFPN-KEYxx-001 : USB key receiver with license (reference key depending on the ordered kit)
- 1 x PFPN-UBRFM-001 : USB USB storage stick including the installation of the RFMonitor software
- 1 x PFPN-CBUSB-001 : USB Extension cable 0.8 meter
- 1 x PFPN-AIMANT-001 : Wakeup magnet
- 1 x User's guide

ANTENNAS

	References	Type	Compliance
	PFPN-ANT40-001	Whip $\frac{1}{4}$ wavelength	KEY - LOG - TRK41
	PFPN-ANT41-001	$\frac{1}{4}$ wavelength with ground plane Cable of 2 meters	KEY - LOG - LGR - LGS - LGW RPT20
	PFPN-ANT20-001	Whip $\frac{1}{2}$ Wavelength, rigid	LGR - LGS - LGW - RPT20
	PFPN-ANT20-002	Whip $\frac{1}{2}$ Wavelength, flexible	LOG - KEY
	PFPN-ANT13-001	Outdoor Full wavelength grounded with Thunder protection - Cable of 5 meters	KEY - LGx - RPT
	PFPN-ANT13-002	Outdoor Full wavelength grounded with Thunder protection - Cable of 10 meters	KEY - LGx - RPT
	PFPN-ANT97-001	Yagi Directional range	RPT (consult us)
	PFPN-ANT14-001	Indoor Full wavelength antenna Cable of 4 meters	COL92 - RPT20 - GAT43
	PFPN-ANT44-001	Whip $\frac{1}{4}$ Wavelength - 0 to 90° Rotation	
	PFPN-ANT11-001	Indoor Full wavelength Cable of 5 meters	KEY - LGx - RPT
	PFPN-ANT11-002	Indoor Full wavelength Cable of 10 meters	KEY - LGx - RPT

CARACTERISATION

KIT FOR CHARACTERISATION OF CLIMATIC CHAMBERS



References	Content	Characteristics
PFKI-CEC10-001	10 x LOM16 1 x Modem 3G	High temperature Mini Data Logger +/-0.3°C, COFRAC "like" 3G Gateway
PFKI-CEC16-001	16 x LOM16 1 x Modem 3G	High température Mini Data Logger +/-0.3°C, COFRAC "like" 3G Gateway
VICE-CECRP-005		Climatic chamber characterization report (9 points + 1 external point)
VICE-CECRP-006		Climatic chamber characterization report (15 points + 1 external point)

CALIBRATION

TEMPERATURE CALIBRATION

Newsteo offers calibration service, COFRAC or connected COFRAC, for all its temperature and / or humidity data loggers. To learn more about our offer, please contact us.

- > Calibration in line with a temperature standards (COFRAC certified) performed in the Newsteo metrology laboratory
- > Temperature COFRAC Calibration performed by a partner's metrology laboratory
- > Humidity COFRAC Calibration performed by a partner's metrology laboratory



ACCREDITATION COFRAC N° 2-6637
Portée disponible sur www.cofrac.fr

EVALUATION KITS FOR NEWSTEO PRODUCTS



	Logger	Software	Key	Magnet	USB Cable
PFKI-LOG26-001	LOG26-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-LOG22-001	LOG22-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-LGR33-001	LGR33-001 probe STE33-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-TRE35-001	TRE35-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-LGS34-001	LGS34-001 cable SES55-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-LGS35-001	LGS35-001 cable SES55-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-LGS39-001	LGS39-001 cable SES55-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001



	Logger	Software	Key	Magnet	USB Cable
PFKI-LOM16-001	2 x PFPN-LOM16-001	RFM10-001	PFPN-KEY11-001	1 x AIMANT-001	CBUSB-001
PFKI-LOM16-002	5 x PFPN-LOM16-001			2 x AIMANT-001	
PFKI-LOM18-001	2 x PFPN-LOM18-001	RFM10-001	PFPN-KEY11-001	1 x AIMANT-001	CBUSB-001
PFKI-LOM18-002	5 x PFPN-LOM18-001			2 x AIMANT-001	

GATEWAY EVALUATION KITS

	Gateway	Software	Key	Magnet	USB Cable
PFKI-CUB22-004	1 x PFPN-CUB12-001	RFM10-001	PFPN-KEY11-001	1 x AIMANT-001	CBUSB-001

INTEGRATION KITS



	Receptor	Software	Key	Magnet	USB Cable
PFKI-KEX63-001	PFPN-KEX63-001	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-KES63-001	PFPN-KES63-001 antenna ANT40	RFM10-001	Key11-001	AIMANT-001	CBUSB-001
PFKI-KES65-001	PFPN-KES65-001 antenna ANT40	RFM10-001	Key11-001	AIMANT-001	CBUSB-001

ACCESSORIES



References	Description	Characteristics
PFPN-DIS30-001	Display	Measurements Wireless Display with sound alarm (for office, 220V power supply) +ANT44
PFPN-DIS31-001	Display	Measurements Wireless Display with sound alarm (for truck, 12V power supply)
PFPN-RLA21-001	USB output relay	Active security - 1 relay with 3 poles (3 poles: CO, NF & NO)
PFPN-RLB21-001	USB output relay	Toggle (bistable) - 1 relay with 3 poles (3 poles: CO, NF & NO)
PFPN-CBL01-001	Cable	1m extension coax cable SMA. Male-Female.
PFPN-CBL05-001	Cable	5m extension coax cable SMA. Male-Female.
PFPN-CBL10-001	Cable	10m extension coax cable SMA. Male-Female.
PFPN-CBL10-002	Cable	10m extension coax cable SMA. Male to N Male.
PFPN-UBRFM-001	USB storage stick	USB storage kit with RF Monitor installer
PFPN-CDRFM-001	CD-ROM	Additional RF Monitor CD-ROM installer



References	Description	Characteristics
PFPN-CBUSB-001	USB cable	USB-A Male-Female extender cable 0.8m
PFPN-CBUSB-020	USB cable	USB «active» extension 20 meters cable
PFPN-AIMANT-001	Magnet	Newsteo magnet to wake-up data loggers
PFPN-POE10-001	POE Splitter	POE Splitter for COL22
PFPN-PLATE-001	Fixation	Fixation base kit for LOG36, supplied with its 2 screws
PFPN-PLATE-004	Fixation	Fixing bracket for LGx supplied screw kit (LOG compatible)
PFPN-PLATE-005	Fixation	Fixing bracket for LOG supplied screw kit
PFPN-SCREW-001	Joints / Screws	Set of 10 antenna joints, 10 casing joints and 40 screws (LGx case)
PFPN-BOUCH-012	Plug	Set of 5 x M12 screw plug (for unoccupied M12 probe connector)



References	Description	Characteristics
PFPN-ADAPT-004	Conventional external power supply	Power supply for RPT30
PFPN-ADAPT-005	Conventional external power supply	Power supply for RPT2x and COL2x
PFPN-SES55-001	Cable	5 meters cable to connect a sensor, provided with fast contactors. For LGR, LGS or LGW (compliant with all references except LGS31, LGP33, LGJ).
PFPN-SES58-001	Cable	5 meters cable to connect a sensor, provided with fast contactors. For LGS31, LGP33, LGJ
PFPN-CON05-001	Connector	Connector used to connect the sensor of your choice to the LGR, LGS or LGW (compliant with all references except LGS31, LGP33, LGJ).
PFPN-CON08-001	Connector	Connector used to connect the sensor of your choice to the LGS31, LGP33, LGJ.

BATTERIES



References	Description	Characteristics
PFPN-LOTPI-013	Battery	Set of 5 batteries 1/2 AA lithium thyonil. For all products in the LOG range except and LOG36
PFPN-LOTPI-014	Battery	Set of 5 batteries AA Lithium Thionyl For older generation products without JST connector for battery connection. For LGR, LGS, LGP33, LOG36
PFPN-LOTPI-115	Battery	Set of 5 batteries 1/2 AA lithium thyonil with wire and connector. For LOM16, LOM18. 5 LOM casings for replacement
PFPN-LOTPI-016	Battery	Set of 5 batteries AA lithium thyonil with wire and connector. For LGR, LGS, LGP33, LGJ3D, LOG36
PFPN-LOTPI-011	Battery	High autonomy set: Set of 5 double batteries AA lithium thyonil (5x2 batteries) with wire and connector. For LGR, LGS, LGP33, LGJ3D, LOG36
PFPN-LOTPI-018	Battery	Set of 5 x A indus. Lithium Thyonil batteries with connector and wire. For TRE