



**PRODUCT
CATALOGUE**

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HOW DOES IT WORK ?



1 – THE DATA LOGGERS

They are spread in the area which has to be monitored. They send to the RF-to-USB key by radiofrequency the measures they take. They can be wireless configured and updated.

2 - THE RF-TO-USB KEY

It is the bridge between the PC and the loggers.

3 - RF-MONITOR

This software is installed on the PC and allows the monitoring of the loggers.

MONITORING



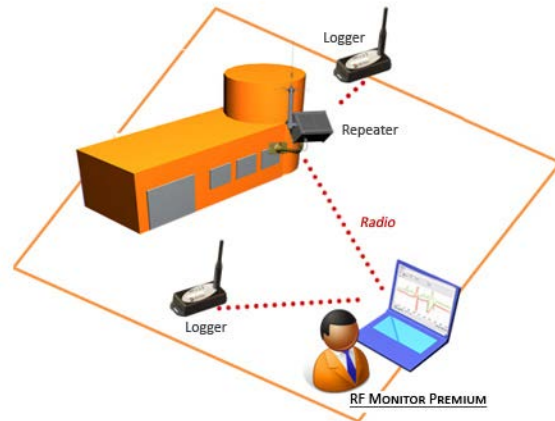
The logger sends in real time its measures to the PC. If a measure is not received by the PC, it stores it inside its internal memory and sends it to the PC on the next communication channel.

RECORDING



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

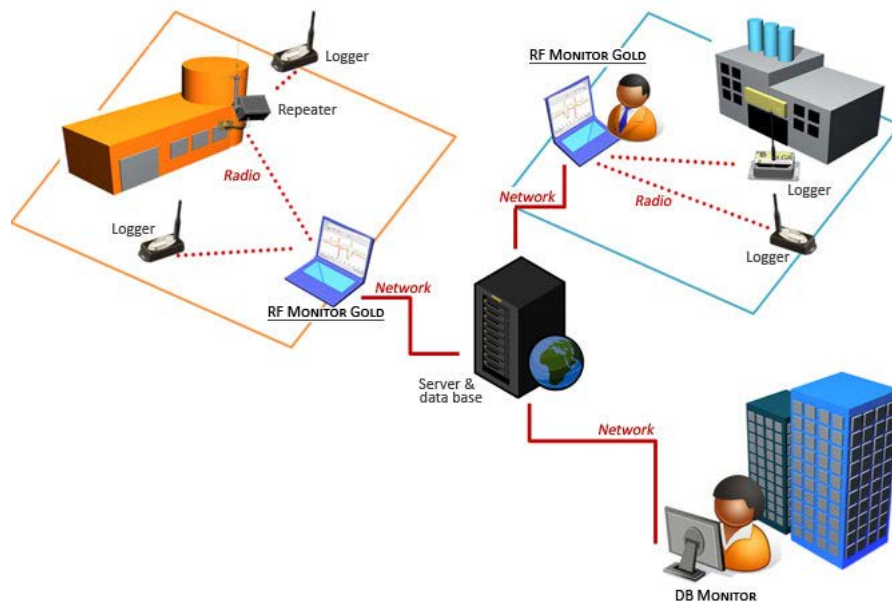
CREATE YOUR OWN SENSOR NETWORK...



USING RF MONITOR PREMIUM

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

> *For single-site installations.*

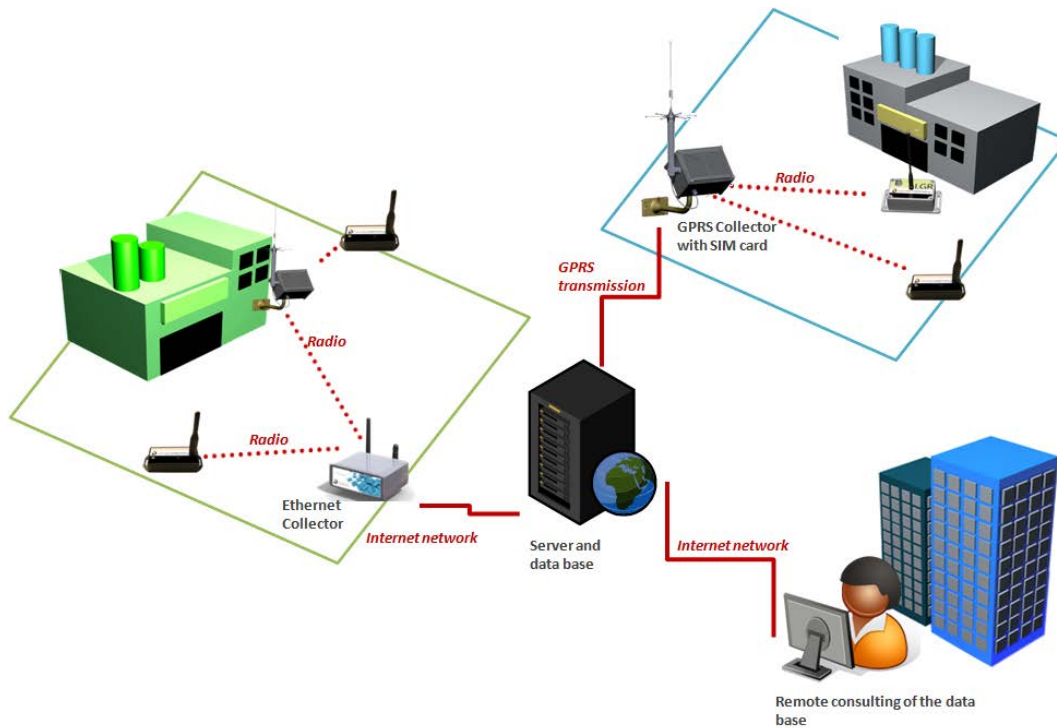


USING RF MONITOR GOLD

- Several Loggers networks are created.
- Each system communicates to a PC that transmits the measurement to a central database.
- From anywhere in the world, it is possible to connect to the database to check the measurements.
- This consultation is possible with free software DB Monitor.

> *For multi-site installations.*

CREATE YOUR OWN SENSOR NETWORK...



USING AN ETHERNET OR GPRS COLLECTOR


- The Logger equipped with a sensor takes the measure and transmits it by radio to the Collector,
- The collector transmits the measurements through Ethernet or GPRS to a central database,
- A real-time alert can be sent anywhere to the supervisor.


>The supervisor can access at any time to the measures, via Internet

LOG

Loggers

 ¼
Wavelength

 IP54
Casing

 ½ AA (LT)
Battery



References


PFPN-LOG26-001

Temp. Sensor

-40°C ... +70°C ± 0.3°

 ½
Wavelength

 IP65
Casing

 AA (LT)
Battery



References

PFPN-LOG36-001

Temp. Sensor

-40°C ... +85°C ± 0.3°

Internal Antenna

IP67 Casing

½ AA (LT) Battery



References	Temp. Sensor
PFPN-LOM16-001	-40°C ... +70°C ± 0.3°
PFKI-LOM16-002 (Set of 5 pieces)	-40°C ... +70°C ± 0.3°
PFPN-LOM18-001	-10°C ... +60°C ± 0.1°
PFKI-LOM18-002 (Set of 5 pieces)	-10°C ... +60°C ± 0.1°
PFPN-LOP16-001	-40°C ... +70°C ± 0.3°, for transportation
PFKI-LOP16-002 (Set of 5 pieces)	-40°C ... +70°C ± 0.3°, for transportation

¼ Wavelength

IP54 Casing

½ AA (LT) Battery



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

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

* Non-condensing area

LGR

Loggers

 1/2
Wavelength

 IP65
Aluminium

 AA (LT)
Battery



References	Interface
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
PFPN-LGR46-001	For Newsteo Double external probe of Temperature.

 1/2
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	Interface	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

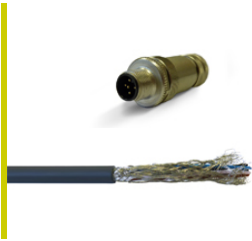


References	For	Sensor	Interface	Characteristics
PFPN-STH54-001	LGR32	Digital Temp. & Hum.	-40 to +125°C ± 0.2°C 0..100% ± 1.8%	Integrated temp. & humidity sensor in stainless steel*
PFPN-STC01-002	LGR37	Thermocouple K	-100 to 1100°C	Thermocouple K with probe of 250 mm Supplied with a CON05
PFPN-STC01-003	LGR37	Thermocouple T	-75°C to +250°C	Thermocouple K, 5 meters cable Supplied with a CON05
PFPN-STC32-001	LGR37	Thermocouple K	-185°C to +200°C	Thermocouple T With probe of 200 mm, cable 3 meters Supplied on a moulded connector
PFPN-STF51-001	LGR37	Thermal Flux	Thermal Flux	Probe Thermal Flux 50x50m 0.60W/m ²

* Dew formation resistant.

LGR

Cable and Connector



References	Type	Compliance	IP	Characteristics
PFPN-CON05-001	Connector	LGR37	IP65	To connect any thermocouple (K, E, J, N, 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 LG.*

LGS

Loggers

 1/2
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-LGS30-001	0-2V	0 ... 2V
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 – LGA34 LGS35 LGS36 – LGS76 LGS37 LGS39 – LGS79 LGSA9	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 – LGA34 LGS35 LGS36 – LGS76 LGS37 LGS39 – LGS79 LGSA9	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.

LGS31

Probes



References	Type	Compliance	IP	Characteristics
PFPN-FISSU-001	Crackmeter	LGS31-001 +STYI8-002	IP40	Measurement bracket: 0... 10 mm
PFPN-STI58-002	Associated Cable	LGS31-001	IP40	5 meters cable with connector for FISSU-001
PFPN-FISSU-002	Crackmeter	LGS31-001 +STYI8-003	IP67	Measurement bracket: 0 ... 25 mm
PFPN-STI58-003	Associated Cable	LGS31-001	IP67	5 meters cable with connector for FISSU-002
PFPN-FISSU-003	Crackmeter	LGS31-001 + STI58-004	IP65	Gefran PCM050 crackmeter, female connector
PFPN-STI58-004	Associated Cable	LGS31-001	IP67	5 meters cable with connector for FISSU-003
PFPN-SES58-001	Cable	LGS31-001	IP65	5 meters cable, to connect any sensor, provided with fast contactors

LGS30

CLAMP AMMETER

References	Type	Compliance	Characteristics
PFPN-SPA51-001	Clamp ammeter	LGS30	Clamp ammeter 20A-50A-100A/2V
PFPN-SPA52-001	Clamp ammeter	LGS30	Clamp ammeter 50A-200A-1000A/2V

LGJ

Loggers

-  1/2 Wavelength
-  IP65
-  Aluminium
-  C (LT) Battery



References	Interface	Inputs
PFPN- LGJ3D-001	Strain gauges - Full Bridge (wheatstone bridge)	5 inputs

Cable and Connector



References	Type	Compliance	IP	Characteristics
PFPN-SES55-001	Cable	LGJ45	IP65	5 meters cable to connect a sensor, provided with fast contactors.
PFPN-CON05-001	Connector	LGJ45	IP65	Connector used to connect the sensor of your choice

To use your own sensor, you have to order a cable or a connector to plug it on the LGJ45. One cable or connector per input.

LGJ

Loggers

-  1/2 Wavelength
-  IP65 Aluminium
-  AA (LT) Battery



References	Interface	Range of measure
PFPN- LGJ3D-001	Strain gauges - Full Bridge (wheatstone bridge)	+/- 50 mV for a 2.7V excitation

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.

LGN

Loggers

-  1/2 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



References	Type	Compliance	IP	Characteristics
PFPN-SES58-001	Cable	LGN	IP65	5 meters cable to connect a sensor, provided with fast contactors.
PFPN-CON08-001	Connector	LGN	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

LOGGERS



1/2
Wavelength



IP67
Aluminium



C (LT)
Battery



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

USB - TEMPIMATE

USB Temperature Recorders



USB
Connection



IP67



CR2450
button cell



USB
Connection



IP67



CR2032
Battery



References	Content	Temperature sensor
PFKI-LTM6E-001	Tempmate S1 Set of 20 USB recorders Single-use Recording cycle : 110 days	-30°C to 70°C ±0.5°C from -20°C to +40°C ± 1°C for other range
VIPJ-PRERA-003	Tempmate S1 : personnalisation (seuils, fréquence d'enregistrement) Quantité minimum : 5 lots	
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

TRE-TRP Trackers

-  Internal Antenna
-  IP54 Casing
-  A LT 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±0.3°C Hum.: 0 to 100% rH ± 1.8%	-40°C ... +60°C
PFPN-TRE38-001	Shock: -16g ... +16g Temp.: -40°C ... +85°C±0.3°C Hum.: 0 to 100% rH ± 1.8% Light : 0 ... 220 Lux ± 30 Lux	-40°C ... +60°C

-  Internal Antenna
-  IP67 Casing
-  GPS



References	Sensors and GPS	Operating Temp	Battery
PFPN-TRP55-001	Shock : -16g .. +16g Temp.: -10°C ... +60°C ± 0.4°C GPS Modem accuracy : from 2 to 5m Ground speed : from 0 to 155 km/h ± 5 km/h Azimuth : from 0 to 360° ± 3°	-10°C ... +50°C With Alkaline batteries -40°C ... +60°C With Lithium batteries	3 x AA Alkaline 3 x Thionyl Lithium AA (3.6V) Batteries
PFPN-TRP55-002	<i>idem</i>	LIVE/RECORD MODE MONITROING MODE	

NEW

BLD

Builders



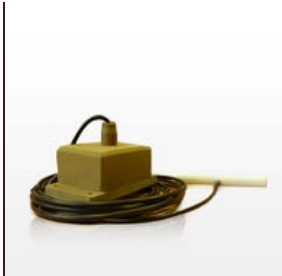
IP54
Casing



High range
Antenna with
a 5m cable



C LT
Battery



References

PFPN-BLR36-001

PFPN-BLR37-001

Sensors

Temp.: $-20^{\circ}\text{C} \dots +80^{\circ}\text{C} \pm 0.3^{\circ}\text{C}$

Temp.: $-20^{\circ}\text{C} \dots +80^{\circ}\text{C} \pm 0.3^{\circ}\text{C}$

Deformation: -1850 ppm to $+1850 \text{ ppm}$
for a bridge excitation of 2.7 Volt

RPT

Repeaters



References	Specifications	Case	Antenna	Power supply
PFPN-RPS51-001	Outdoor radio relay	IP67	Full Wavelength	Solar panel

NEW



References	Specifications	Case	Antenna	Power supply
PFPN-RPT20-001	Indoor radio relay	IP50	1/2 Wavelength	Conventional AC Power (supplied)



References	Specifications	Case	Antenna	Power supply
PFPN-RPT30-001	Outdoor radio relay	IP65	1/2 Wavelength	Conventional AC Power (supplied)

COL Collectors



References	Specifications	Case	Antenna	Power supply
PFPN-COL11-001	GPRS Collector	IP30	1/2 Wavelength	Conventional AC Power
PFPN-COL22-001	Ethernet Collector	IP30	Full Wavelength magnetic foot cable 4 meters	Conventional AC Power
PFPN-COL51-001	Outdoor GPRS Collector	IP67	Full Wavelength	Solar panel

Data Base Hosting



References	Specifications
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 – 24months
VAHE-DBASE-036	Data base hosting (4Go Max) & WebMonitor – 36 months
VAHE-DBASE-048	Data base hosting (4Go Max) & WebMonitor – 46 months
VAHE-DBASE-060	Data base hosting (4Go Max) & WebMonitor – 60 months

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.

KEY

For PLC



References	Link	Communication protocol	Antenna	IP
PFPN-KES63-001	Rf-to-RS232	MODBUS	Without Antenna	IP30
PFPN-KES65-001	Rf-to-RS485	MODBUS	Without Antenna	IP30

SOFTWARE



References	Characteristics
PFPN-RFM05-001	RF Monitor for LOM & LOP only , not compliant with other references Delivered with KEY15-001 Premium: The measurements are stored on the PC, on a local database
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-RFM20-001	RF Monitor with Gold Licence Delivered with KEY12-001 Gold: The measurements are stored on a shared and remote database
PFPN-RFM30-001	RF Monitor Gold with CFR21 Delivered with KEY14-001
PFPN-RFM40-001	RF Monitor Premium with CFR21 Delivered with KEY13-001

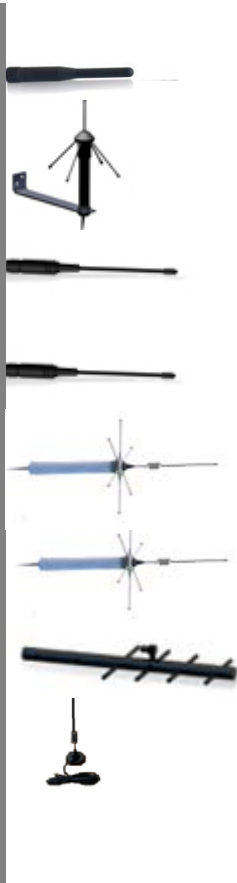
PFPN-RFMxx-001 kits composition:

- 1 x PFPN-KEYxx-001 : USB key receiver with license (reference key depending on the ordered kit)
- 1 x PFPN-CDRFM-001 : installation software CD-ROM
- 1 x PFPN-CBUSB-001 : USB Extension cable 0.8 meter
- 1 x PFPN-AIMANT-001 : Wakeup magnet
- 1 x User's guide

SMS PACKS

References	Characteristics
VAAL-E2SMS-001	First pack 100 credits alert SMS (creation costs included)
VAAL-E2SMS-002	Pack of 100 additional credits alert SMS
VAAL-E2SMS-003	Pack of 1,000 additional credits alert SMS

ANTENNAS



References	Type	Compliance
PFPN-ANT40-001	Whip ¼ wavelength	KEY – LOG – TRK41
PFPN-ANT41-001	¼ wavelength with ground plane Cable of 2 meters	KEY – LOG – LGR – LGS – LGW – RPT20
PFPN-ANT20-001	Whip ½ Wavelength, rigid	LGR – LGS – LGW – RPT20
PFPN-ANT20-002	Whip ½ 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	
PFPN-ANT44-001	Whip ¼ Wavelength – 0 to 90° Rotation	

References	Type	Compliance
PFPN-THUND-001	Protection	Thunder protection for ANT11

CHARACTERISATION

Kit for Characterisation Of Climatic Chambers



Reference	Content	Characteristics
PFKI-CEC09-002	9 x LOM18 1 x COL11	High accuracy Mini Logger +/-0.1°C – racco. COFRAC GPRS Collector with RFM Gold licence incl. (1/2 wave antenna)
PFKI-CEC15-001	15 x LOM18 1 x COL11	High accuracy Mini Logger +/-0.1°C – racco. COFRAC GPRS Collector with RFM Gold licence incl. (1/2 wave antenna)

EVALUATION KITS

For Newsteo Products



	Devices	Software	Key	Magnet	USB Cable
PFKI-LOG26-001	One LOG26-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-LOG22-001	One LOG22-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-LGR33-001	One LGR33-001 One Probe STE33-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-LGR37-001	One LGR37-001 One Probe STC01-002	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-TRE35-001	One TRE35-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-BLR37-001	One BLR37-001	One RFM10-001	One Key11-001		One CBUSB-001
PFKI-LGS34-001	One LGS34-001 One cable SES55-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-LGS35-001	One LGS35-001 One cable SES55-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-LGS39-001	One LGS39-001 One cable SES55-001	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-KES63-001	One PFPN-KES63-001 One antenna ANT40	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001
PFKI-KES65-001	One PFPN-KES65-001 One antenna ANT40	One RFM10-001	One Key11-001	One AIMANT-001	One CBUSB-001



	Devices	Software	Key	Magnet	USB Cable
PFKI-LOM16-001	2 x PFPN-LOM16-001	One RFM05-001	One PFPN-KEY15-001	1 x AIMANT-001	One CBUSB-001
PFKI-LOM16-002	5 x PFPN-LOM16-001			2 x AIMANT-001	
PFKI-LOM18-001	2 x PFPN-LOM18-001	One RFM05-001	One PFPN-KEY15-001	1 x AIMANT-001	One CBUSB-001
PFKI-LOM18-002	5 x PFPN-LOM18-001			2 x AIMANT-001	
PFKI-LOP16-001	2 x PFPN-LOP16-001	One RFM05-001	One PFPN-KEY15-001	1 x AIMANT-001	One CBUSB-001
PFKI-LOP16-002	5 x PFPN-LOP16-001			2 x AIMANT-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)



References	Description	Characteristics
PFPN-RLA21-001	USB output relay	Active security - 1 relay with 3 poles
PFPN-RLB21-001	USB output relay	Toggle (bistable) - 1 relay with 3 poles



References	Description	Characteristics
PFPN-WRN12-001	Alarm module	Wireless visual and sound alarm module (power plugged)

ACCESSORIES



References	Description	Characteristics
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.



Références	Description	Caractéristiques
PFPN-UBRFM-001	USB storage stick	USB storage kit with RF Monitor installer



References	Description	Characteristics
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



References	Description	Characteristics
PFPN-AIMANT-001	Magnet	Newsteo magnet to wake-up loggers



References	Description	Characteristics
PFPN-PLATE-001	Fixation	Fixation base kit for LOG36, supplied with its 2 screws
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



References	Description	Characteristics
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). Mainly used for the thermocouple (LGR37)
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 thionil. 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-007	Battery	Pack of 30 Alkaline LR6 batteries For TRK31



References	Description	Characteristics
PFPN-LOTPI-015	Battery	Set of 5 batteries 1/2 AA lithium thionil with wire and connector. For LOM16, LOM18, LOP16
PFPN-LOTPI-016	Battery	Set of 5 batteries AA lithium thionil with wire and connector. For LGR, LGS, LGP33, LGJ3D, LOG36
PFPN-LOTPI-017	Battery	Set of 5 spiral cell batteries AA lithium thionil with wire and connector. For LGA34, LGW33, LGW34, LGW35
PFPN-LOTPI-011	Battery	High autonomy set: Set of 5 double batteries AA lithium thionil (5x2 batteries) with wire and connector. For LGW31, LGW38 and LGR, LGS, LGP33, LGJ3D, LOG36
PFPN-LOTPI-018	Battery	Set of 5 x A indus. Lithium Thionil batteries with connector and wire For LOM46, TRE

