



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.

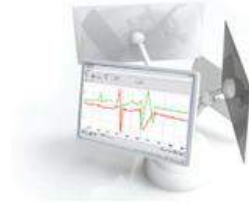
2 - THE RF-TO-USB KEY

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



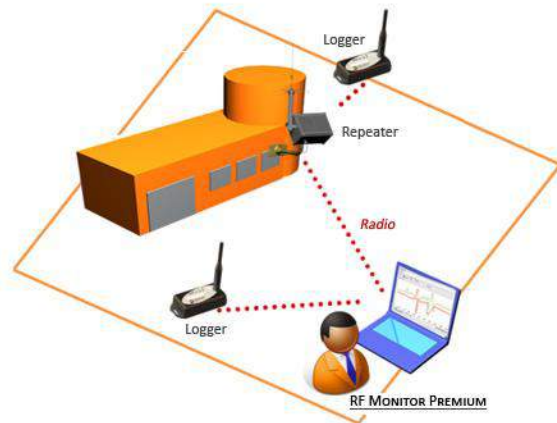
The logger sends in real time its measures to the PC. If a measure is not received by the PC, it stores it inside its internal memory and sends it to the PC on the next communication channel.

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.

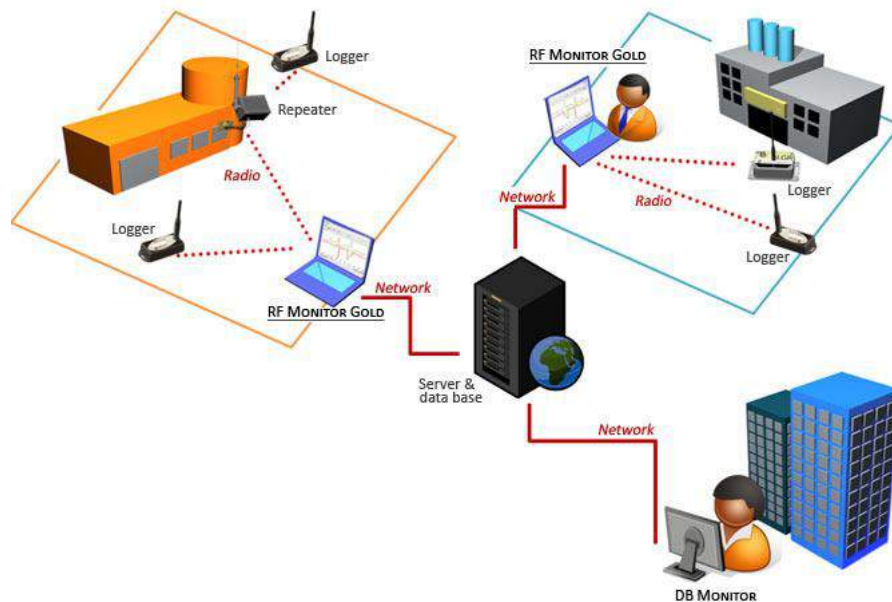
CREATE YOUR OWN SENSOR NETWORK...



USING RF MONITOR PREMIUM

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

> *For single-site installations.*

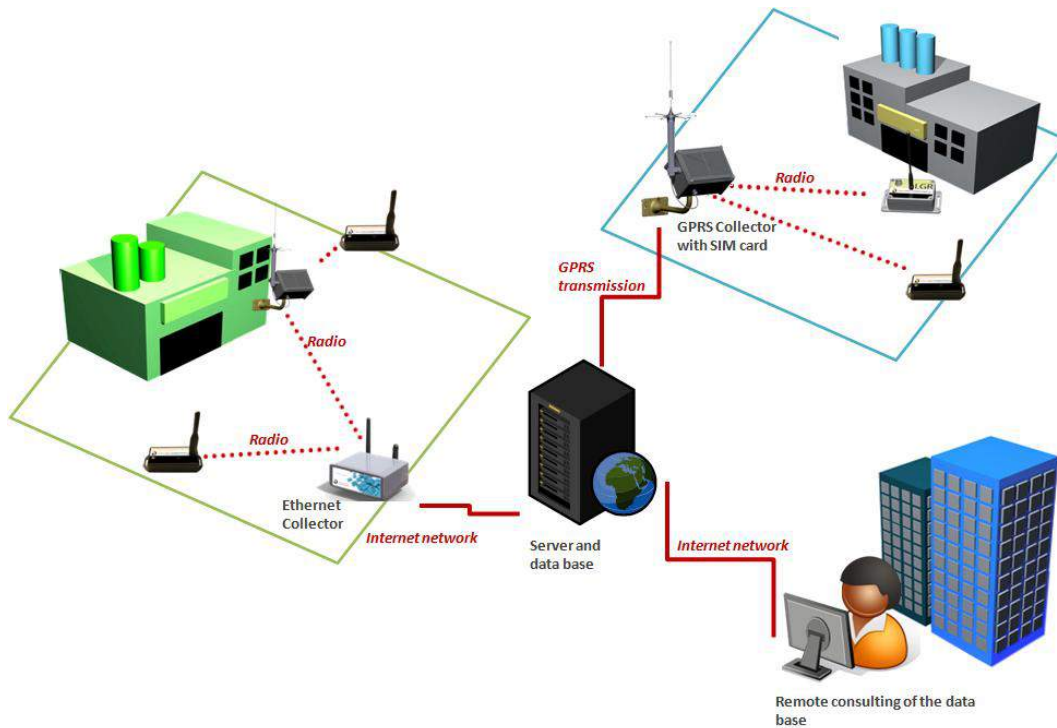


USING RF MONITOR GOLD

- 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

Data 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


 1/2 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 |

 1/4 Wavelength

 IP54 Casing

 1/2 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

Data 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

Data 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.






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 |

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 PCMO50 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 |
|  | FISSU-005 | Crackmeter + Cable | LGS31-001 | IP65 | Measurement bracket: 0 ... 25 mm |

LGJ

Data 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

Data 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-CONo8-001 | 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

Data 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-CONo8-001 | 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

DATA 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 – TEMPMATE

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 |
| 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-TEMPO-001

Temperature probe
for tempmate-M1

- The probe connects to the USB port of the Tempmate M1.
- Length of cable: 1 meter

Range of measure : -40°C à $+90^{\circ}\text{C}$.

Precision : $\pm 0.5^{\circ}\text{C}$.

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



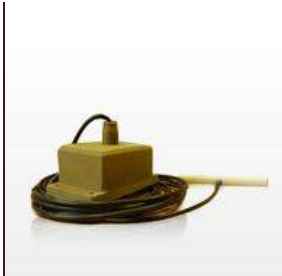
IP54
Casing



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 |



| References | Specifications |
|----------------|--|
| PFPN-GAT33-001 | 3G Gateway with Display for vehicles (vehicle power adapter supplied) |
| PFPN-GAT33-002 | 3G Gateway with Display for vehicles (to power through a 2 wires connection) |

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.

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 |

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

ANTENNAS



| References | Type | Compliance |
|----------------|--|-------------------------------------|
| PFPN-ANT40-001 | Whip 1/4 wavelength | KEY – LOG – TRK41 |
| PFPN-ANT41-001 | 1/4 wavelength with ground plane Cable of 2 meters | KEY – LOG – LGR – LGS – LGW – RPT20 |
| PFPN-ANT20-001 | Whip 1/2 Wavelength, rigid | LGR – LGS – LGW – RPT20 |
| PFPN-ANT20-002 | Whip 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 | |
| PFPN-ANT44-001 | Whip 1/4 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 Data 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 Data 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 STCo1-002 | 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 data loggers |



| References | Description | Characteristics |
|----------------|--------------|------------------------|
| PFPN-POE10-001 | POE Splitter | POE Splitter for COL22 |



| References | Description | Characteristics |
|----------------|-----------------|---|
| 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 |



| 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 thionyl. 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 thionyl with wire and connector. For LOM16, LOM18, LOP16 |
| PFPN-LOTPI-016 | Battery | Set of 5 batteries AA lithium thionyl with wire and connector. For LGR, LGS, LGP33, LGJ3D, LOG36 |
| PFPN-LOTPI-017 | Battery | Set of 5 spiral cell batteries AA lithium thionyl with wire and connector. For LGA34, LGW33, LGW34, LGW35 |
| PFPN-LOTPI-011 | Battery | High autonomy set: Set of 5 double batteries AA lithium thionyl (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 Thionyl batteries with connector and wire For LOM46, TRE |