

2010

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PRODUCT'S CATALOGS



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Abbreviations

LT : Lithium Thionyle

Please notice that our products can be certified (COFRAC) on request. Contact us for a quotation.


Loggers LOG

Reference	Sensor(s)	Case	Battery	Antenna	Picture
PFPN-LOG11-001	Temp. $\pm 0.6^{\circ}\text{C}$	IP54*	1/2 AA (LT)	Internal	
PFPN-LOG16-001	Temp. $\pm 0.3^{\circ}\text{C}$	IP54*	1/2 AA (LT)	Internal	
PFPN-LOG21-001	Temp. $\pm 0.6^{\circ}\text{C}$	IP54*	1/2 AA (LT)	$\frac{1}{4}$ wavelength	
PFPN-LOG26-001	Temp. $\pm 0.3^{\circ}\text{C}$	IP54*	1/2 AA (LT)	$\frac{1}{4}$ wavelength	
PFPN-LOG31-001	Temp. $\pm 0.6^{\circ}\text{C}$	IP65	AA (LT)	$\frac{1}{2}$ wavelength	
PFPN-LOG36-001	Temp. $\pm 0.3^{\circ}\text{C}$	IP65	AA (LT)	$\frac{1}{2}$ wavelength	
PFPN-LOG20-001	Temp. $\pm 0.5^{\circ}\text{C}$ Hum. $\pm 4.5\%$	IP54*	1/2 AA (LT)	$\frac{1}{4}$ wavelength	
PFPN-LOG22-001	Temp. $\pm 0.4^{\circ}\text{C}$ Hum. $\pm 3\%$	IP54*	1/2 AA (LT)	$\frac{1}{4}$ wavelength	
PFPN-LOG25-001	Temp. $\pm 0.3^{\circ}\text{C}$ Hum. $\pm 2\%$	IP54*	1/2 AA (LT)	$\frac{1}{4}$ wavelength	


* Non condensed area

LT : Lithium Thionyle



Loggers LGR

Reference	Sensor	Case	Battery	Antenna	Picture
PFPN-LGR30-001	X	IP65 Aluminium	AA (LT)	½ wavelength	
PFPN-LGR32-001	X	IP65 Aluminium	AA (LT)	½ wavelength	
PFPN-LGR33-001	X	IP65 Aluminium	AA (LT)	½ wavelength	
PFPN-LGR36-001	X	IP65 Aluminium	AA (LT)	½ wavelength	
PFPN-LGR37-001	X	IP65 Aluminium	AA (LT)	½ wavelength	



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Reference	Sensor	Case	Battery	Antenna	Picture
PFPN-LGR52-001	Temp. ± 0.4°C Hum. ± 3%	IP65	AA (LT)	½ wavelength	
PFPN-LRG55-001	Temp. ± 0.3°C Hum. ± 2%	IP65	AA (LT)	½ wavelength	


Probes for LGR

Reference	Sensor	Compliant with	IP	Characteristics	Picture
PFPN-STE52-001	PT100	PFPN-LGR30	IP68	End protected by a heat-shrinkable sleeve	
PFPN-STE52-002	PT100	PFPN-LGR30	IP68	PT100 for food contact	
PFPN-STE52-003	PT 100	PFPN-LGR30	IP68	Straight PT100 end of 150 mm	
PFPN-STE53-001	PT1000	PFPN-LGR33	IP68	End protected by a heat-shrinkable sleeve	
PFPN-STE53-002	PT1000	PFPN-LGR33	IP68	Probe of stainless steel of 20mm	
PFPN-STE51-001	Temp. $\pm 0.3^{\circ}\text{C}$	PFPN-LGR36	IP68	Integrated temperature sensor	
PFPN-STH50-001	Temp. $\pm 0.5^{\circ}\text{C}$ Hum. $\pm 4.5\%$	PFPN-LGR32	IP65		
PFPN-STH51-001	Temp. $\pm 0.4^{\circ}\text{C}$ Hum. $\pm 3.0\%$	PFPN-LGR32	IP65		
PFPN-STH55-001	Temp. $\pm 0.3^{\circ}\text{C}$ Hum. $\pm 2.0\%$	PFPN-LGR32	IP65		
PFPN-STH55-002	Temp. $\pm 0.3^{\circ}\text{C}$ Hum. $\pm 2.0\%$	PFPN-LGR32	IP65	Waterproof probe for cement	
PFPN-STCO1-001	thermocouple type K	LGR37-001	IP68	Thermocouple type K with probe of 150 mm	
PFPN-STF51-001	Thermal Flux	LGR37-001		Probe Thermal Flux 50x50mm	

Cable and connector for LGR










Reference	Type	Compliant with	IP	Characteristics	Picture
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 contactors	

Loggers LGS


Reference	Interface	Case	Battery	Antenna	Picture
PFPN-LGS31-001	Potentiometer	IP65	AA LT	½ wavelength	
PFPN-LGS34-001	4-20mA	IP65	AA LT	½ wavelength	
PFPN-LGS35-001	0-10V	IP65	AA LT	½ wavelength	
PFPN-LGS36-001	On/Off input	IP65	AA LT	½ wavelength	
PFPN-LGS37-001	-50/+50mV	IP65	AA LT	½ wavelength	
PFPN-LGS38-001	Connection of 3 strain gauges	IP65	AA LT	½ wavelength	
PFPN-LGS39-001	Impulse	IP65	AA LT	½ wavelength	

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Probes and cables for LGS




Reference	Type	Compliant with	IP	Characteristics	picture
FISSU-001	Crackmeter	LGS31-001 + STY58-002	IP40	Measurement bracket: 10... 100 mm	
PFPN-STY58-002	Associated cable	LGS31-001	IP40	5 meters with temperature gauge integrated	
PFPN-FISSU-002	Crackmeter	LGS31-001 + STY58-002	IP67	Measurement bracket: 25...300 mm	
PFPN-STY58-003	Associated cable	LGS31-001	IP67	5 meters with temperature gauge integrated	
PFPN-STJ58-001	Cable	PFPN-LGS38-001	IP65	Cable to weld 3 gauges, with integrated temperature sensor	
PFPN-JAUGE-001	Probe	PFPN-LGS38-001	IP00	Strain gauge to be welded on STJ58-001	
PFPN-SES58-001	Cable	LGS31-001	IP65	5 meters cable, to connect any sensor, provided with fast contactors	
PFPN-STY58-001	Cable	LGS31-001	IP65	5 meters cable, to connect any sensor, provided with fast contactors and temperature sensor	
PFPN-SES55-001	Cable	LGS34-001 LGS35-001 LGS37-001 LGS39-001 LGS36-001	IP65	5 meters cable, to connect any sensor, provided with fast contactors	
PFPN-CON05-001	Connector	LGS34-001 LGS35-001 LGS37-001 LGS39-001 LGS36-001	IP65	To directly connect the customer sensor to the LGS.	

Loggers LGW




Reference	Characteristics	Case	Battery	Antenna	Picture
PFPN-LGW31-001	Power supply of the sensor in 3V	IP65	AA LT	½ wavelength	
PFPN-LGW38-001	Power supply of the sensor in 10V	IP65	AA LT	½ wavelength	

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Probes and cables for LGW



Reference	Type	Adaptable to the LGS :	IP	Characteristics	Picture
PFPN-PYRAN-001	Probe	LGW31-001	IP67	Probe of 5 meters with Pyranometer integrated	
PFPN-AIRSP-001	Probe	LGW38-001	IP20	Probe of 5 meters for speed of air measure	
PFPN-SES55-001	Cable	LGW31-001 LGW38-001	IP65	5m cable, to connect any sensor, provided with fast contactors	

Trackers TRK

Reference	Characteristics	Case	Battery	Antenna	Picture
PFPN-TRK31-001	Shock : $\pm 6g$	IP54	3 AA Alkaline	Internal	
PFPN-TRK33-001	Temp. $\pm 0.4^{\circ}C$ Hum. $\pm 3.0\%$	IP54	A LT	Internal	
PFPN-TRK41-001		IP54	3 AA Alkaline	$\frac{1}{4}$ wavelength	
PFPN-TRE52-001	Shock: 16g Temp. $\pm 0.3^{\circ}C$	IP54	C LT	Internal	



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Builders BLD






Reference	Characteristics	Case	Battery	Antenna	Picture
PFPN-BLD22-001	Temp. $\pm 0.4^{\circ}C$ Hum. $\pm 3.0\%$	IP68	AA LT	$\frac{1}{4}$ wavelength	
PFPN-BLD23-001	Temp. $\pm 0.3^{\circ}C$ Hum. $\pm 2.0\%$	IP68	AA LT	$\frac{1}{4}$ wavelength	
PFPN-BLD26-001	Temp. $\pm 0.4^{\circ}C$ Hum. $\pm 3.0\%$ Deformation $\pm 1\%$	IP68	AA LT	$\frac{1}{4}$ wavelength	
PFPN-BLD27-001	Temp. $\pm 0.3^{\circ}C$ Hum. $\pm 2.0\%$ Deformation $\pm 1\%$	IP68	AA LT	$\frac{1}{4}$ wavelength	

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Repeaters RPT

Reference	Characteristics	Case	Power supply	Antenna	Picture
PFPN-RPT41-001	Outdoor radio relay	IP67	Solar panels	Full wavelength.	
PFPN-RPT20-001	Indoor Radio relay	IP50	Conventional AC power	½ wavelength	

KEY

Reference	Link	Software	IP	Antenna	Picture
PFPN-KEY11-001	RF to USB	Not provided	IP30	¼ wavelength	
PFPN-KEY11-002	RF to USB	Not provided	IP30	Without antenna	
PFPN-KEY10-001	RF to USB	Not provided	IP30	Internal	
PFPN-RFM10-001	RF to USB	RF Monitor with Premium license Delivered with KEY11-001			
PFPN-RFM20-001	RF to USB	RF Monitor with Gold license Delivered with KEY11-001			
PFPN-RFM19-001	RF to USB	Upgrade Premium to Gold license Delivered with KEY11-001			
PFPN-RFM30-001	RF to USB	RF Monitor with Gold CFR21 license Delivered with KEY11-001			
PFPN-KEY43-001	RF to RS232		IP30	1/2 wavelength	
PFPN-KEY43-002	RF to RS232		IP30	Without antenna	

Antennas of the products of NEWSTEO


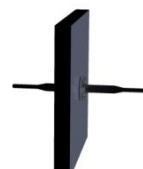






Reference	Type	Picture	Compatibility
PFPN-ANT40-001	Whip 1/4 wavelength		KEY LOG TRK41
PFPN-ANT41-001	Antenna 1/4 wavelength with ground plane Cable of 2 meters		KEY LOG LGR LGS
PFPN-ANT20-001	Antenna Whip 1/2 wavelength		LGR LGS RPT20
PFPN-ANT11-001	Full wavelength grounded Cable of 5 meters		KEY LOG LGR LGS RPT
PFPN-ANT97-001	Yagi Directional range.		RPT (consult us)
PFPN-ANT42-001	Whip 1/4 wavelength magnetic, mobile - big foot		
PFPN-ANT12-001	Full wavelength magnetic, mobile - big foot		
PFPN-ANT43-001	Whip 1/4 wavelength magnetic - small foot		
PFPN-ANT83-001	Whip 1/8 wavelength magnetic - small foot		

Evaluation kits of the NEWSTEO's products

Reference	Composition	Picture
PFKI-LOG26-001	<ul style="list-style-type: none"> - One LOG26-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LOG22-001	<ul style="list-style-type: none"> - One LOG22-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LGR33-001	<ul style="list-style-type: none"> - One LOG33-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LGR37-001	<ul style="list-style-type: none"> - One LOG37-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-TRK31-001	<ul style="list-style-type: none"> - One TRK31-001 - One RFM10-001 - One KEY11-001 - One CUSB-001 	
PFKI-BLD26-001	<ul style="list-style-type: none"> - One BLD26-001 - One RFM10-001 - One KEY11-001 - One CUSB-001 	

Reference	Composition	Picture
PFKI-LGS34-001	<ul style="list-style-type: none"> - One LGS34-001 - One SES55-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LGS35-001	<ul style="list-style-type: none"> - One LGS35-001 - One SES55-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LGS31-002	<ul style="list-style-type: none"> - One LGS31-001 - One STY58-002 - One FISSU-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	
PFKI-LGS39-001	<ul style="list-style-type: none"> - One LGS39-001 - One SES55-001 - One RFM10-001 - One KEY11-001 - One AIMANT-001 - One CUSB-001 	

Accessories

Reference	Accessory	Characteristics	Picture
PFPN-CBL05-001	Cable	5m extension coax cable SMA Male-Female	
PFPN-CBL10-001	Cable	10m extension coax cable SMA Male-Female	
PFPN-CBL20-001	Cable	20m extension coax cable SMA Male-Female	
PFPN-CBL05-002	Cable	5m extension coax cable SMA Male to N female	
PFPN-CBL10-002	Cable	10m extension coax cable SMA Male to N female	
PFPN-CPPMM-001	Cable	Thru-wall adapter (dual male-male SMA connector)	
PFPN-CPPMF-001	Cable	Thru-wall male SMA for screwed antenna (+ fem. SMA 20 cm extender)	
PFPN-CDRFM-001	CD-ROM	Additional RFM-10 CD ROM installer	
PFPN-CDRFM-002	CD-ROM	Additional RFM-20 CD ROM installer	
PFPN-CDRFM-003	CD-ROM	Additional RFM-19 CD ROM installer	
PFPN-CDLOC-001	CD-ROM	Additional RFM with Localization CD ROM installer	
PFPN-LOTPI-001	Battery	Lot of 10 lithium thyonil 1/2 AA batteries	 SIZE/ANSI: 1/2AA, ER14252
PFPN-LOTPI-002	Battery	Lot of 10 lithium thyonil AA batteries	 SIZE/ANSI : AA, ER14505
PFPN-LOTPI-003	Battery	Lot of 10 lithium thyonil A batteries	
PFPN-LOTPI-004	Battery	Lot of 10 lithium thyonil C batteries	 SIZE/ANSI : C, ER26500
PFPN-LOTPI-005	Battery	Lot of 10 lithium thyonil D batteries	 SIZE/ANSI : D, ER32L615

PFPN-LOTPI-006	Battery	Lot of 10 lithium CR2450 batteries	
PFPN-BRG21-001	USB bridge	hardware bridge between USB and RS232 ports	
PFPN-BRG32-001	USB bridge	hardware bridge between USB and Ethernet	
PFKI-CLEAN-001	cleaning tools	Special cleaning tools to prepare surface	
PFPN-AIMANT-001	Magnet	Newsteo magnet to wake-up loggers	
PFPN-CBUSB-001	Cable USB	USB-A Male-Female extender cable 0.8m	
PFPN-CBUSB-002	Cable USB	USB-A Male to Male Mini USB cable 2m	
PFPN-RLB21-001	Module de sortie	USB trigger with 3 contacts relay	