



Lonbox® Series

Fidelio LonWorks® Hotel Booking Gateway

Lonbox® PFG4000 is a Fidelio Lonworks® hotel booking gateway.

PFG4000 can be interfaced with booking systems that operates according to the FIAS protocol.

PFG4000 monitors the room status via the Fidelio hotel booking system and informs the HVAC system in the room of the status. In this way it is possible to optimize the energy consumption and comfort by utilize different algorithms in the HVAC system depending on the room status is occupied or unoccupied.

PFG4000 is characterized by the following points:

- Build-in FIAS serial RS232 interface protocol
- Standard LonMark® data exchange of room status information
- Build-in web server for service & maintenance
- Optimized energy management and room comfort
- Supports the following Micros systems
 - Fidelio V6
 - Fidelio V7
 - OPERA
 - Fidelio suite8



Technical data	PFG4000
LonWorks® Media	Twisted Pair TP/FT-10
Transceiver	FT-X1
Neuron-Chip	FT3120E4, 10MHz
Main processor	ARM 32-bit RISC
Prog. Memory	4 Mbyte Flash
Memory	8Mbyte SDRAM
Data Memory	2 Mbyte Flash
Data Channels	200
Ethernet	RJ45 10/100 Mbit TCP/IP protokol
Seriel port	RS232 Terminal and PPP protokol
Control Indicators	Neuron state function, I/O status, Link and 100Mb in yellow. Green supply.
Service Switch	Neuron service Pin
Supply	12 – 30Vdc, 8 – 24Vac
Consumption	350 mA @ 24Vdc 300 mA @ 24Vac
Protection Class	IP20
Enclosure Size	9 module Lonbox® DIN enclosure
EMC immunity	IEC 61000-6-2
EMC emission	EN 50081-2
Safety	EN 60950
Operating temp.	0 to 45°C
Storage temp.	-20 to 70°C
Dimensions	157 x 58 x 90 mm Excl. connectors
Versions:	
PFG4000-100	100 rooms
PFG4000-200	200 rooms
PFG4000-400	400 rooms
PFG4000-600	600 rooms

