

Intelligent Comfort Display Command module

Lonbox® PCM2001 is a command unit for use in LonWorks® based control networks.

The Lonbox® PCM2001 product range consists of several different models. With or without build-in temperature sensor and a front plate option with 2 or 4 function keys.

PCM2001 is used for manual operation and readout in intelligent building automation installations. Display readout of temperature, setpoints and alarm messages is a common display application.

The manual operation of the command module is simple and logic. Two function keys sets the desired temperature, and two control the fan speed.

PCM2001 is designed for wall surface mounting.

PCM2001 contains the following standardized LonMark® function block:

- LonMark® profile 8090 Space Comfort Control Command Module.



Technical data	PCM2001
LonWorks® Media	Twisted Pair TP/FT-10
Transceiver	FTT-10A
Neuron-Chip	3120, 10 MHz
Supply voltage	9-24 VDC
Power consumption	Typisk 30mA
Service LED	Neuron state function, yellow
Service switch	Activate Neuron service pin message
*Temperature sensor	1 build-in
- Resolution	10 bit
- Range	-10 to +50°C
Keyboard	2 or 4 function keys
Display	LED 3 * 12 characters With adjustable backlight
Protection class	IP20
EMC immunity	EN50082-2
EMC emission	EN50081-1
Operating temp.	-10 to +55°C
Storage temp.	-20 to +70°C
Modeller:	
Without temp. Sensor	
PCM2001-2T	2 keys temperature
PCM2001-4TF	4 keys temp. And fan
PCM2001-4MV	4 keys menu and value
*With temp. Sensor	
PCM2001N-2T	NTC, 2 keys temperature
PCM2001N-4TF	NTC, 4 keys temp. and fan
PCM2001N-4MV	NTC, 4 keys menu and value