

# GD Connect 4 Air Management System

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**Think Gardner Denver.**

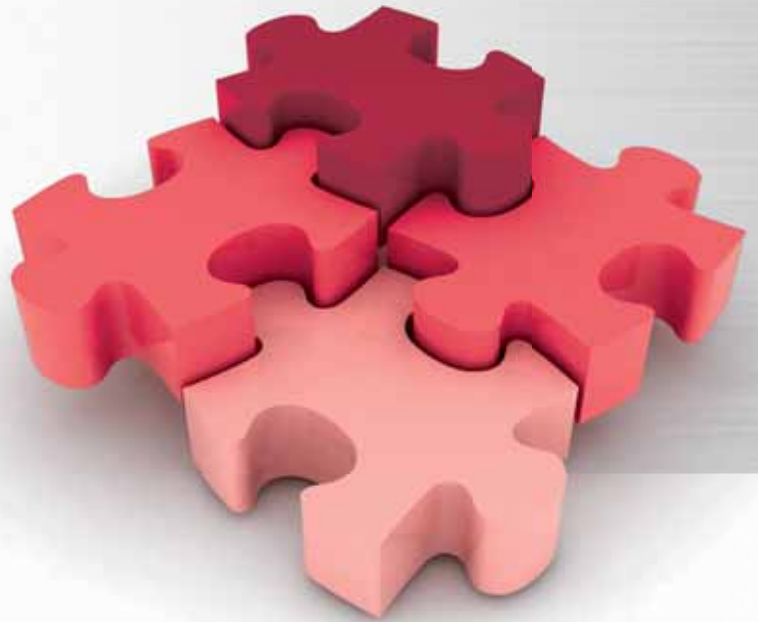
**GD**  
**GARDNER DENVER**

*Experience Proven Results™*



# GD Connect 4 Air Management System

**The smart  
and simple fit  
for up to 4  
compressors!**



- State-of-the-art Technology
- Maximum Energy Efficiency
- Easy User Guidance

## Efficient Sequencer up to 4 Compressors

Today no modern energy efficient compressed air system is complete without the installation of an intelligent master control system.

The new GD Connect 4 is the ideal control solution for smaller compressed air stations, and will intelligently control up to 4 fixed speed compressors.

## Potential Energy Savings up to 30%

The GD Connect 4 is designed to harmonise the complete compressed air station, ensuring that the system is correctly managed by optimising equipment utilisation and controlling the system pressure within the tightest band. Typically offering energy savings of up to 30 %.



## Easy Installation

Installation of any GD Pilot/GD Pilot MK controlled compressor is made easy with direct connection using data cable, eliminating the need for any additional communication interfaces.

For other compressors installation is quick and simple installation is made possible with the use of an interface PCB.



## User Friendly LED Display

A clear and easy to use LED display gives an individual compressor status of each compressor within the system.

### Three selectable control functions

- FIFO – First in first out
- Equal running hours
- Timer rotation

### Additional features

- System pre-fill allowing you to pre-fill your system ready for production
- Priority settings giving you complete flexibility
- Pressure schedule increases system efficiency by allowing different pressures settings to suit process applications
- Real time clock allows the accurate operation of the additional features



## System components



## Your Benefits at a Glance

Clear display with individual compressor status

- Four modes of control
- Pre programmed for easy connection to GD Pilot/GD Pilot MK controlled compressors
- Simple installation for other compressors with only one i-PCB
- High efficiency system control with savings up to 30 %



## Technical Summary

Electrical Connection	
<b>Voltage</b>	230Vac +/- 10% 115Vac +/- 10%
<b>Approvals</b>	CE, UL, cUL
Functionality	
<b>Display</b>	128 x 64 graphical back lit LCD
<b>Processor</b>	16 bit ST 10 Micro processor
<b>Modes of control</b>	First in first out, Equal hours, Timer rotation
<b>Features</b>	Pre-fill, Sequence rotation, priority settings, pressure schedule, real time clock
Interface	
<b>Digital inputs</b>	1 x Menu selectable single function digital input
<b>Auxiliary outputs</b>	1 x Menu selectable single function digital output
Compressor Connection	
<b>Quantity</b>	Up to 4 Fixed speed air compressors
<b>Interface</b>	2 x RS485 and i-PCB (I/O)
<b>Distance from GD Connet 4</b>	RS485 1600 meters – 4–20 mA pressure signal cable: 100 meters
Ambient Conditions	
<b>Operation</b>	Min. 0°C to max. 46°C
<b>Humidity</b>	Max. 95% RH

EMC Conformity	
<b>Emissions</b>	DIN EN61000-6-4:2007
<b>Interface suppression</b>	DIN EN61000-6-2:2005
Housing	
<b>Dimensions (W x H x D)</b>	286 x 236 x 152 mm
<b>Protection Type</b>	IP54 NEMA12
<b>Weight</b>	6.4 kg
<b>Mounting</b>	4 x fixing screws, wall mount
Scope of Supply	
GD Connect 4	
Pressure sensor	
Set of cable glands	
Set of connector plugs	
Options	
i-PCB	
Network gateways for modbus master, profibus and devicenet	

For additional information please contact Gardner Denver or your local representative.

# Gardner Denver

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