

# PUMP CONTROL TECHNOLOGY



Variable Frequency Drives  
On Demand Pressure / Flow  
Pressure Switches  
Pump Sets

simplifying controls



## Bedford VFD

- 230v single phase in 230v three phase out



## Coelbo VFD

- 230v single phase in 230v three phase out
- 230v three phase in 230v three phase out
- 400v three phase in 400v three phase out



### B602 230v single phase in 230v three phase out On board.

- B602-20005 0.37kw
- B602-20007 0.55kw
- B602-2001 0.75 Kw
- B602-20015 1.1Kw

For constant pressure applications, user friendly interface.



### Onematic throughput inverter 230v or 400v

Onematic 111310 1x230v / 3 x 230v / 3 x 400v 10amp

Pressure dependent mode or on/off mode  
One unit that can work in single phase in/out or three phase in/out



### Speedboard motor mounted inverter

1010 MT 10amp 230v single phase to 230v three phase

- 1305 TT 5amp 400v three phase in and out
- 1309 TT 9amp 400v three phase in and out



The B602 units are self contained and do not compromise the IP Integrity of the motor. They are supplied motor power specific so pressure is the only input required

The Onematic Demand switch takes the discharge liquid through the unit allowing the internal pressure transducer / flow switch to operate depending in which mode you select. The single unit is capable of single phase or three phase operation at the flick of an internal switch. In-putting amps and pressure for quick and easy setup.

The Speedboard inverter mount on the motor terminal box without compromising the IP rating of the motor. They can be used as a pair, Master -Slave with sequential operation, or just a single unit. Supplied with a 4-20mA transducer. Intuitive simple set up .



**Coelbo On Demand / pressure switch's**

- Conventional
- Integrated with 3 way connection
- Adjustable starting pressure
- Digital
- Dry run protection



**Conventional Pressure Switches**

PS2/1,5-5,5

PS2/2,5-7,5

PS2/4-10,5

PS2+/1-6,5



Conventional pressure switches from 1bar to 10.5bar

**Kit PS2**

3 way pressure switch, 1 way G1"male + 2 way G1" female



**Controlmatic FM15**

FM15 1.5Bar start pressure 16amp



**Compact 22**

Compact 22R adjustable start pressure from 1.5bar to 4.5bar 30amp



**Switchmatic**

Digital pressure switch 0.5bar to 7bar



**Digimatic**

Digital start from 0.5bar to 4bar



Digital units all have dry run protection with automatic reset  
Other models available.

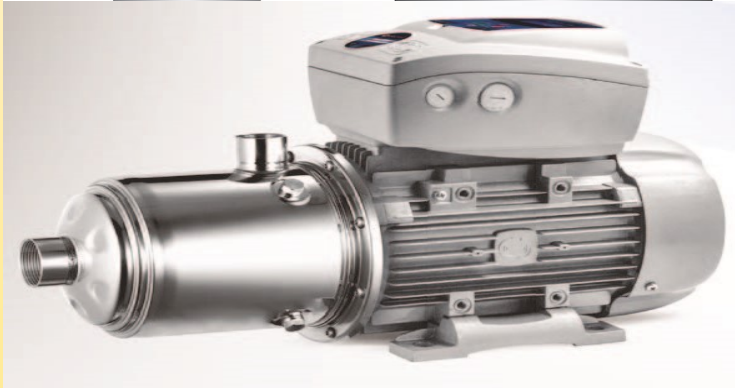
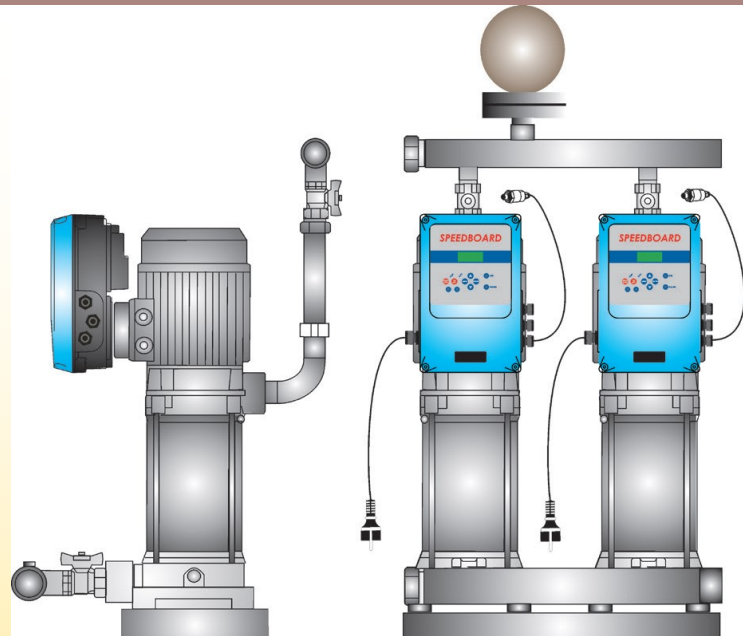
Moving forward energy saving is paramount as the cost of energy is forever increasing and using VFD is the way to control power wastage on constant pressure applications.

We have now an option for Vacuum VFD that is an onboard inverter so we can monitor constant Vacuum giving energy saving in this market.

The Neo Range of Inverters are 3Kw, 7.5kw or 11Kw

These onboard inverters bring the latest technology and are plug and play. Start for the first time and the software sets itself according to the motor and the system, so very user friendly. We can also supply these for constant pressure centrifugal pumps with the same intelligent software to allow ease of setup.

Do not hesitate to call with your application



simplifying controls

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