

## OEM speed control board



The OEM speed control board is designed to give speed control and remote stop facilities for the 102FD/R and 313FD/D 12V DC OEM pumps, and is capable of accepting a remote speed control signal input from users' own equipment.

With the addition of extra components to the standard board, options of direction reverse, power on LED, AC supply input, board mounted speed control potentiometer and instant prime are available.

Two different boards are available, both in 'Eurocard' format with a 32 way edge connector. The 100 series OEM speed control board for the 102FD/R incorporates an on-board power transistor, whereas the power transistor for the 300 series board has to be mounted on an external heat sink with a 1,000 sq cm (130 sq. in.) surface area and is rated for higher loads.

### Ordering information

For 102FD/R	019.2021.000
For 313FD/D	039.2021.000

### Specifications

Power supply input	20-30V DC, (AC/Mains voltage optional)
Power supply rating	100 series: 0.5A, 300 series: 2.0A
Output	12V DC (variable)
Circuit board format	Eurocard (pillar mounting points as alternative)
Connections	32 way edge
Speed control input	Remote potentiometer or 0 to 5V DC input (board mounted potentiometer optional)
Speed control ratio	10% to 100%
Weight	100 series 150g, 300 series 100g plus external heat sink

### Board features

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| <ul style="list-style-type: none"> <li>■ Speed control by potentiometer (not supplied) or 0 to 5V DC control signal</li> <li>■ Motor stop/start control by remote switch, TTL or CMOS</li> <li>■ Motor may be connected for either clockwise or anti clockwise rotation</li> <li>■ Full connection and calibration instructions</li> </ul> | <p>Optional features requiring additional components</p> <ul style="list-style-type: none"> <li>■ Instant direction change</li> <li>■ Power on LED indication</li> <li>■ AC or DC power supply</li> <li>■ Prime maximum speed switch</li> <li>■ Board mounted potentiometer for speed control</li> <li>■ 100 or 300 series OEM system</li> <li>■ 32 way edge connector (supplied)</li> </ul> |
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