

Water Pressure Regulator Quick Setup

This application note is an adaptation of CTAN 341 for the Commander C series drives. Unlike the Commander SK, the Commander C series drives can directly access advanced parameters. Analog and digital I/O is also addressed in an updated block diagram at the bottom of the document.

Remember to adjust the drive settings before the PID loop settings.

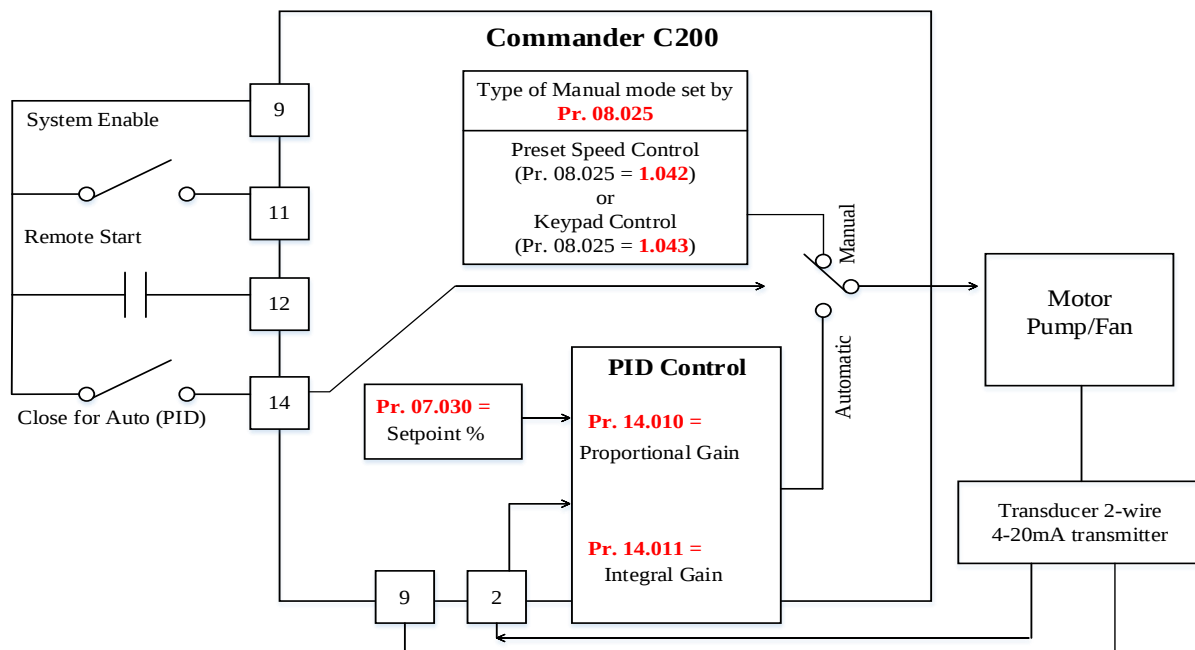
Drive Settings

Parameter	Setting
00.005	AI
00.010	ALL
06.004	0
07.010	0.000
08.025	1.042 or 1.043**

** This sets Manual mode for either Keypad or Preset control.

PID Settings

Parameter	Setting
07.030	PID setpoint (%)
14.010	PID Proportional Gain
14.011	PID Integral Gain
14.003	07.030
14.004	07.001
14.008	ON
14.009	01.011
14.014	0.00%
14.016	01.036



Drive Settings

Parameter	Setting
00.005	AI
00.010	ALL
06.004	0
07.010	0.000
08.025	1.042 or 1.043**

** This sets Manual mode for either Keypad or Preset control.

PID Settings

Parameter	Setting
07.030	PID setpoint (%)
14.010	PID Proportional Gain
14.011	PID Integral Gain
14.003	07.030
14.004	07.001
14.008	ON
14.009	01.011
14.014	0.00%
14.016	01.036

