

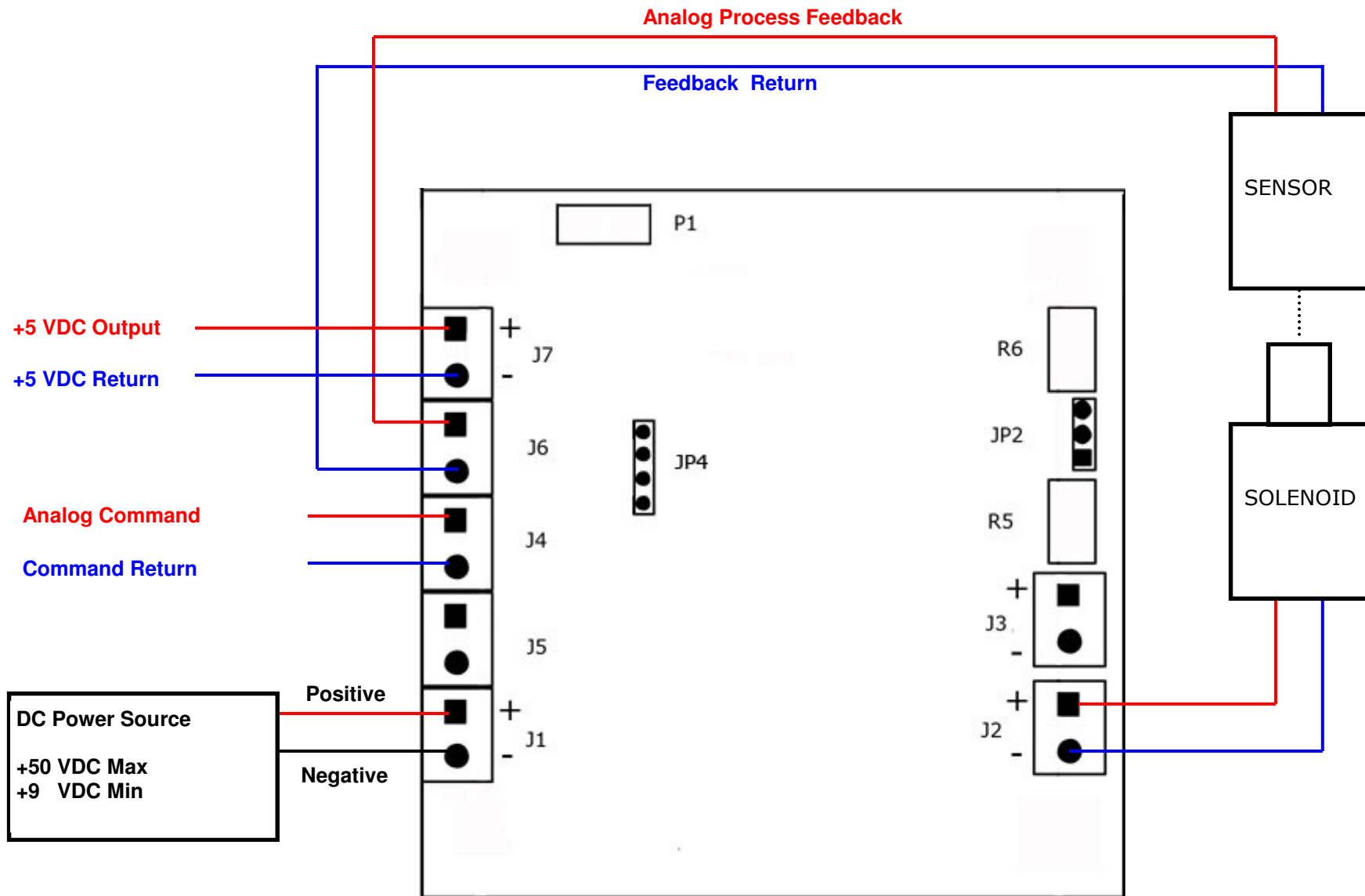
CONNECTION	DESCRIPTION
J1 +	This pin should be connected to the positive output of the power source. The maximum applied voltage should not exceed +50 VDC.
J1 -	This pin should be connected to the negative output of the power source.
J4 +	The analog command for solenoid –1 should be connected to this pin. The range of the input signal is 0 to +5 VDC. For signals with a range of 0 to +10 VDC a 5.6 KOhm resistor should be added to R15.
J4 -	This pin may be used as the return for command signal.
J6 +	The position feed back for solenoid – 1 should be connected to this pin. The range of the input signal is 0 to +5 VDC. For signals with a range of 0 to +10 VDC a 5.6 KOhm resistor should be added to R16.
J6 -	This pin may be used as the return for position feed back .
J2 +	This pin should be connected to one terminal of solenoid-1.
J2 -	This pin should be connected to the other terminal of solenoid-1
J3 +	Not Used
J3 -	Not Used
J7 +	+5 VDC Output. Maximum usable current should be limited to 250 mAmps.
J7 -	Return for +5 VDC.
JP4-2	Optical Encoder Position Feedback—Phase A
JP4-3	Optical Encoder Position Feedback—Phase B
J5 +	Not Used
J5 -	Not Used

Closed Loop Solenoid Process Control Module Pin Assignment and Description



Optimal Engineering Systems, Inc.
6901 Woodley Avenue
Van Nuys, California 91406 U.S.A.
www.oes-site.com

+1 (818) 222-9200
FAX +1 (818) 436-0446
E-mail oes@oes-site.com

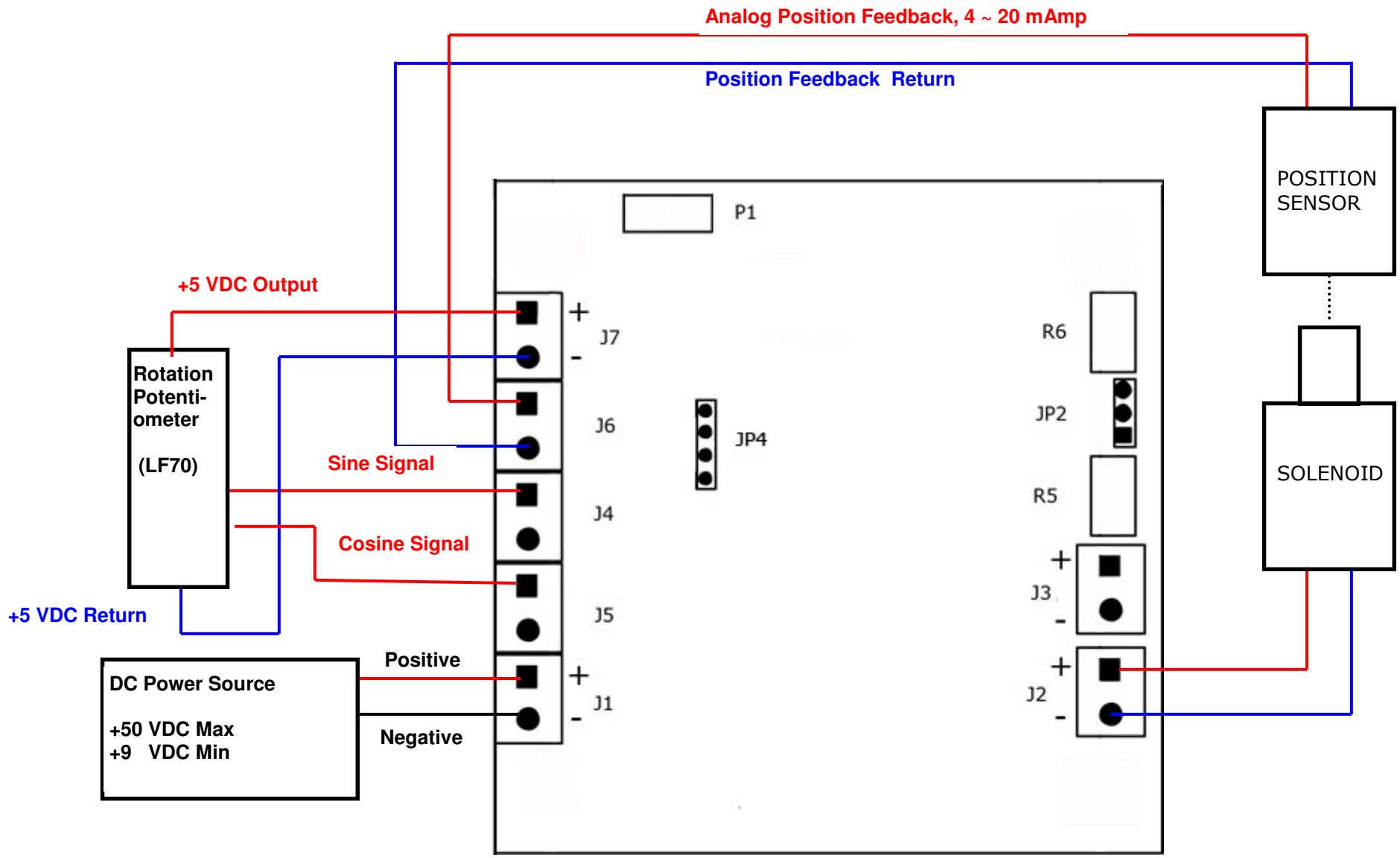


CLSP-01 Wiring Diagram for a Solenoid with External Return Force



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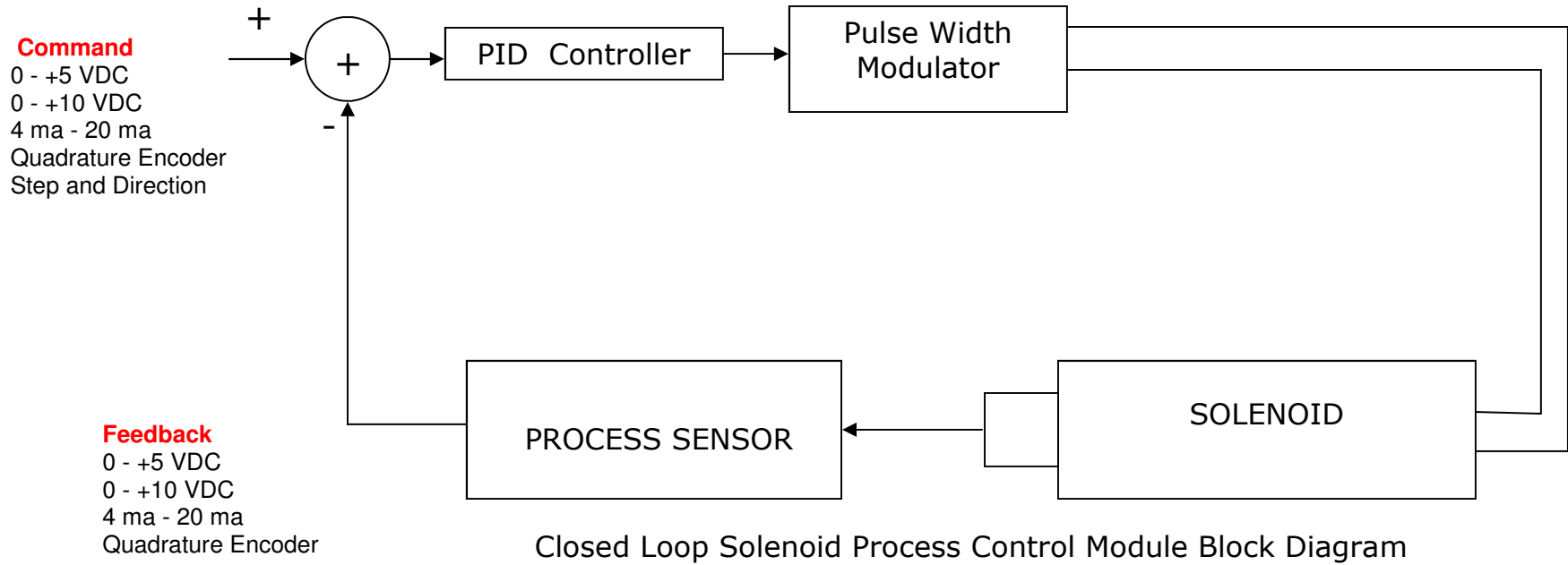


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Warning:

Handling this electronic module shall be performed in a static safe environment while a ground strap is used. Damages arising due to not observing the static pre-cautions shall void the limited ninety-day warranty.

The R5 potentiometer adjusts the proportional (P) term of the PID filter.
The R6 potentiometer adjusts the derivative (D) term of the PID filter.
The P1 potentiometer adjusts the integral (I) term of the PID filter.

Range of Analog Feedback[

0 - +5 VDC
0 - +10 VDC
4 ma - 20 ma

Range of Analog Command Signal;

0 - +5 VDC
0 - +10 VDC
4 ma - 20 ma



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