## **P2-DC Position Feedback Control**

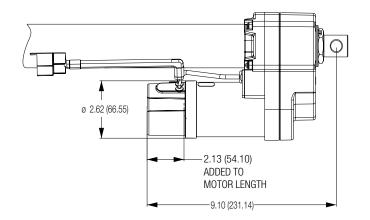


The P2.0 Position Control is a microprocessor position feedback control providing a 0-10 volt DC output indicating actuator travel. The control uses two inductive pulse count sensors and a counting wheel to accurately determine actuator position. A third sensor at the full retract position provides a zero or home position indication.

Hall effect limit switches (those used in the P1.0 control) are used to provide end of travel positioning and will shut off the actuator at both full extend and retract settings. All sensors are non-contact and sealed for life. They are integrated within the actuator and control to protect them from contamination.

Live power is needed to maintain the 0-10VDC analog output signal even when the "Customer Supplied Switch" is not activated. This feature has to be connected to ensure position is saved. The power has to be the same as the switched power supplied to the actuator and requires less than 100mA.

<b>Specifications</b>	
Supply Power:	25 Amps max. @ 12 volts 12.5 Amps max. @ 24 volts
Operating Temperature:	-20° F to +150° F (-29° C to 66° C)
Protection:	Zenerdiode suppression on the input and output for protection from electrical noise.



Switch

Connector

Power Supply

## 12 or 24VDC Momentary DPDT 14-2 AWG Input o Black -Center Off Packard 56 **Wiring Diagram** Grav 4 P2 Module Fuse / Gray + Ext P2.0-DC12/24 24VDC 15A P2 . Gray - Ret 12VDC 30A Control All dashed lines are customer supplied connections Connector DT04-6P Pin 6 Orange 0 - 10V Deutsch Isolated PLC Input Pin 5 Blue +0 - 1V Or Other Device Pin 4 Green No Connection Pin 3 Red +12 or 24VDC Pin 2 White No Connection Fuse 1 Amp Pin 1 Black Ground

Model Select	tion		
Model No.	Input Voltage (vdc)	Maximum Output Current (Amps)	Features
P2.0 (DC12)	12	25	Base = Electronic Stroke Limits with 0 to + 10V Analog Output and EDB
P2.0 (DC24)	24	12.5	Base = Electronic Stroke Limits with 0 to + 10V Analog Output and EDB

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