

Variable Voltage Module PC-V2

#4-1413 McGill Road
Kamloops B.C. Canada V2C 6K7
Ph: (250) 374-2278

Fax: (250) 374-1099
Toll Free: 1-800-831-2278
www.suregripcontrols.com

SURE GRIP
CONTROLS INC.

Features:

- Analog Proportional Output: 0.8 – 4.2VDC
- Environmentally Sealed Electronics, Non-contact Operation
- Two actuator styles available: Trigger or Flex Button
- Actuators rated up to 10 million cycles



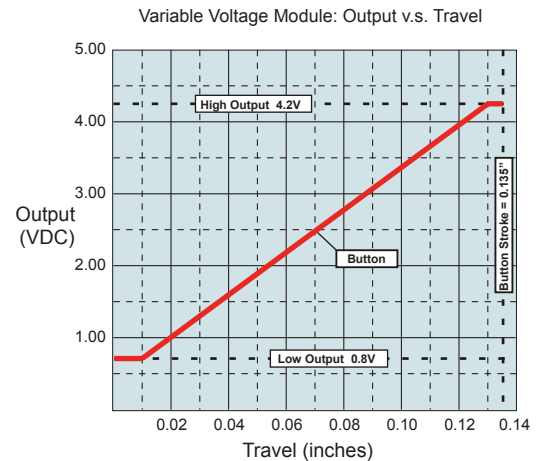
Description:

The PC-V2 Variable Voltage Modules (V2) are designed to be used with either the Flex Button Actuator or our V2 Trigger Actuator for “in cab” or outdoor environments.

The controllers work by using proven Hall Effect sensor technology. A small magnet embedded in the actuator is moved relative to the Hall Effect sensor to provide an output signal that is proportional to the button position.

These tough V2 modules provide an analog proportional output range of 0.8 – 4.2VDC for connection to external processors or valve driver boards. The module electronics are environmentally sealed and can be installed in trigger and faceplate locations on a handle (contact factory for details).

Our innovative Flexing Actuators have virtually eliminated the possibility of water, dust or dirt contamination and have been tested for millions of cycles.



General Specifications:

Parameter	Min	Typ	Max	Unit	Notes
Electrical Specifications:					
Supply Voltage	4.5	5	5.5	V	Maximum Survival Voltage 18V
Output Voltage Range	0.8 (+/-5%)		4.2 (+/-5%)	V	
Load Resistor		5		KΩ	
Environmental Specifications:					
Operating Temperature Range		-40 to +70		°C	