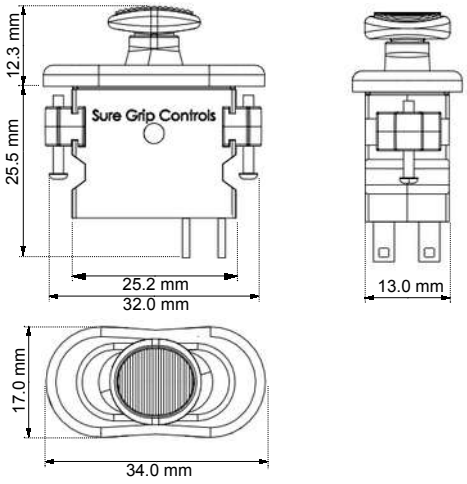
Slider Module
Technical Information

1949 Keating Cross Rd
Saanichton, B.C.
Canada V8M 2A4

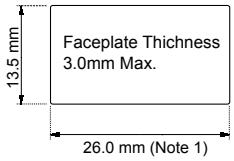
Phone: (250) 544-2207
Fax: (250) 544-2279
www.suregripcontrols.com

SURE GRIP™ CONTROLS INC.



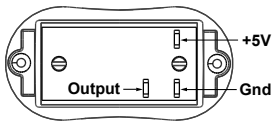


Slider Module Cutout



Note 1: Previous cutout dimension 25mm X 13mm.

Slider Module Pinout



Slider Module Description

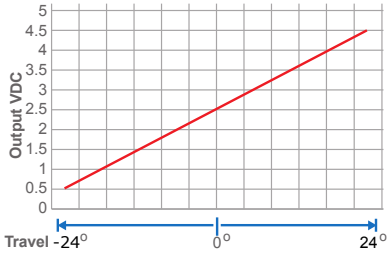
The Slider Module is a Proportional Hall Effect module available in three configurations. These compact proportional modules are designed for applications such as grapples, bucket thumbs, grab and tilt or rotate functions that will benefit from simple speed control.

Single Axis-Proportional

❶ Part #: SM2-P1-3MO
- Operation Proportional: Spring return to center

❷ Part #: SM2-P1-3MA
- Operation: 3 position detented (on-off-on)

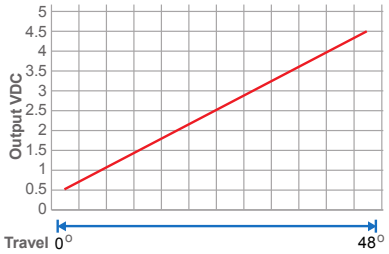
Output: 0.5 - 2.5 - 4.5 VDC
Travel: +/- 24°



Single Axis-Friction-Maintained

❸ Part #: SM2-P1-F
- Operation: Friction Maintained

Output: 0.5 - 4.5 VDC (+/-0.2)
Travel: 0° -48°



General Specifications

Parameter	Min	Typ	Max	Units
Input Power Supply:				
Supply Voltage	4.9	5	5.1	Vdc
Supply Current	8	10	12	Ma
Control Output:				
Output Voltage Low	0.45	0.5	0.7	Vdc
Output Voltage Mid	2.3	2.5	2.7	Vdc
Output Voltage High	4.3	4.5	4.55	Vdc
Output Load	1		10	Kohm
Mechanical Specifications:				
Travel from center to maximum deflection		24		Degrees
Cycle life		> 4 million cycles		
Environmental Specifications:				
Operating Temperature Range		-40 to +70		Degrees C
Ingress Rating		IP67		