

TECHNICAL INFORMATION

Description

The Sure Grip Proportional Rocker Modules combine the precision of a Hall Effect sensor with the rugged cycle life of a sealed assembly. These modules are designed to provide an ergonomic solution within a small footprint. Each Rocker Module is calibrated and tested before final packaging, resulting in consistent reliable control.

Our Rockers are made of wear resistant plastic polymer providing a consistent smooth operating feel while optimizing the service life of the part. Compact mounting allows various installation options both in Sure Grip handles and other applications.



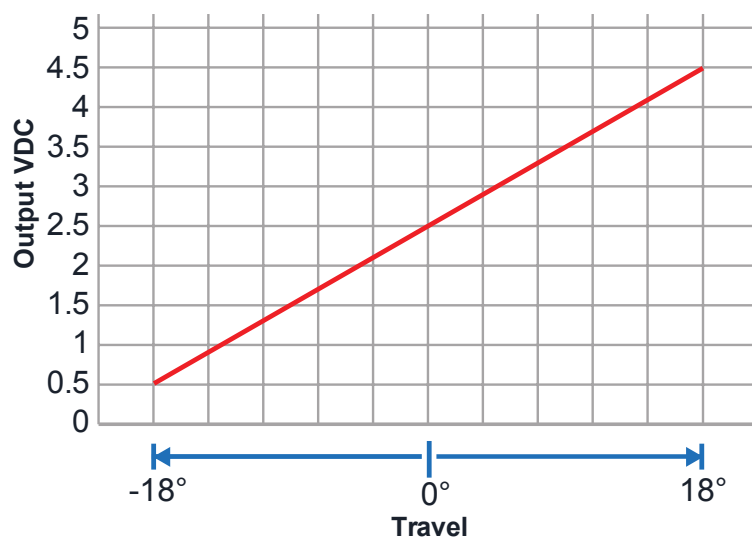
Features

- ▶ Compact device with analog proportional outputs
- ▶ Sealed to IP67
- ▶ Extended travel range +/- 18°
- ▶ Long operating life: > 4 million cycles
- ▶ Utilizes non-contact Hall Effect technology
- ▶ Can be ordered individually or installed into Sure Grip handles

Part Numbers

- ▶ RM2-P1-3MO
Momentary 3 position
- ▶ RM2-P1-3MA
Maintained 3 position

Proportional Rocker Module Travel Output Vdc



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ELECTRICAL SPECIFICATIONS

Input Power Supply:	Min	Typ	Max	Units
Supply Voltage	4.9	5.0	5.1	Vdc
Supply Current	8	10	12	mA
Control Output:	Min	Typ	Max	Units
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	4.3	4.55	Vdc

MECHANICAL SPECIFICATIONS

Travel	+/- 18°
Life Expectancy	>4 million cycles
Functions	Momentary / Maintained

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to +85°C
Sealing	IP67

Dimensions

