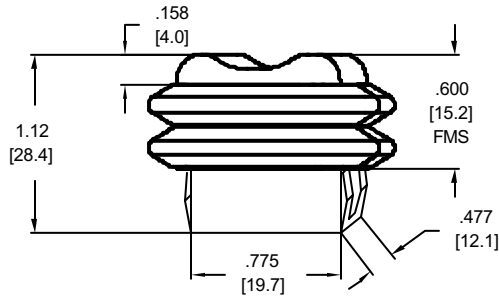
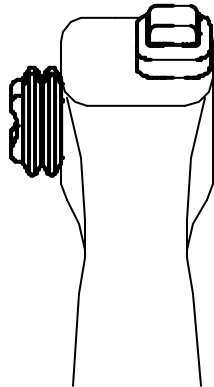
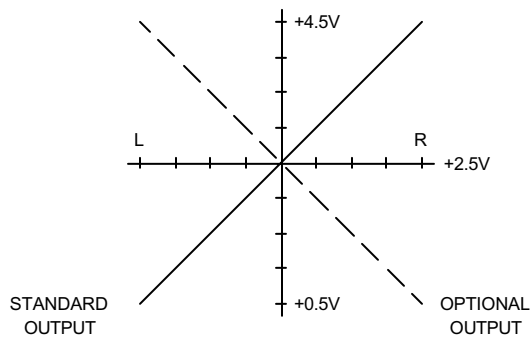


MG12 PROPORTIONAL ROCKER SWITCH DUAL OUTPUT HALL EFFECT SENSOR



The MG12 rocker switch uses Hall sensor technology to eliminate all internal moving parts. A magnet attached to the rocker passes the Hall sensor to generate a 0.5 to 4.5 volt proportional output. The absence of moving parts provides an unlimited number of mechanical operations. The number of operations is no longer a factor in the life span of the device.



The MG12 comes programmed standard with redundant outputs for safety or backup use. The outputs can optionally be factory programmed for complimentary outputs (one output increases while the other decreases) for signal integrity checking and direction detection.

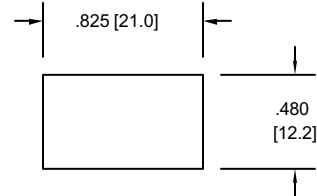
TECHNICAL DATA:

| | |
|-------------------------|-------------------|
| Input Power | 5VDC \pm 1.5V |
| Minimum Output* | 0.5VDC \pm 0.2V |
| Center Position Output* | 2.5VDC \pm 0.2V |
| Maximum Output* | 4.5VDC \pm 0.2V |

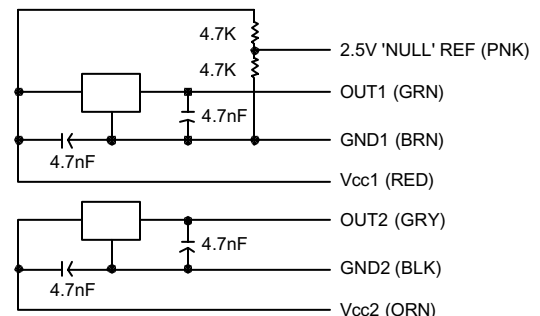
* Outputs listed are for 5.0 volt input. Output voltage is dependent on and proportional to input voltage.

PANEL CUT OUT

max panel thickness - 0.125"



SCHEMATIC



J.R. MERRITT 
CONTROLS, INC.

Stratford, CT • 1-800-333-5762 • www.jrmerritt.com