HALL EFFECT FORWARD/NEUTRAL/REVERSE ROCKER

3-POSITION ANALOG OUTPUT SNAP-IN ROCKER WITH BACKLIGHTING

Button:

Bezel:

Mounting Hardware:





The HFNR is compact, robust and reliable, ideal for grip or panel mount applications. This 3-position switch provides operator comfort by reducing the movement required to change direction or switch gears. Backlighting provides enhanced visibility; making them easy to see in poor lighting or nighttime operation. The electronics are sealed to IP68S, the switch has excellent EMI/RFI immunity, and a mechanical life of three million cycles.

Features:

- 3 million cycle life, full forward to full backward
- Hall effect contactless sensing technology
- Choice of bezel and button colors
- 2V to 24V LED backlighting options
- **Electronics sealed to IP68S**
- **Outstanding EMI/RFI immunity**
- Snap-in panel mounting—accepts multiple panel thicknesses
- **RoHS** compliant

Ihr offizieller Vertriebspartner



ALDERS electronic GmbH Arnoldstraße 19 47906 Kempen

+49 2152 8955-0 vertrieb@alders.de / www.alders.de

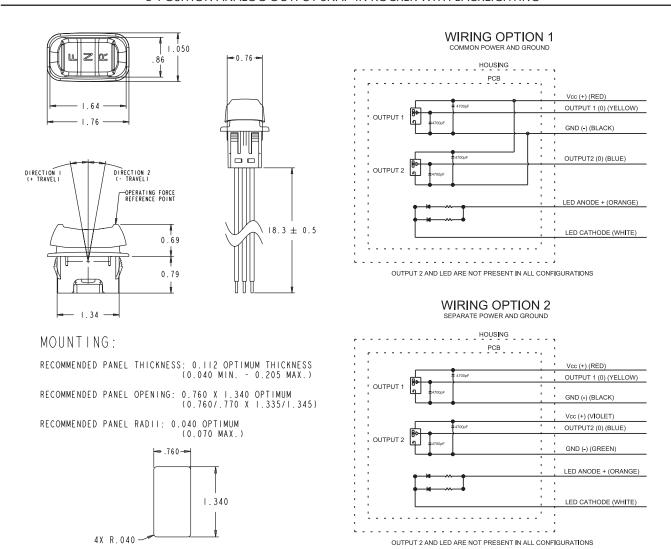
Standard Character	istics/Rati	inas.			
MECHANICAL:					
Mechanical Life: 3,000,000 full forward to full back					
Angle of Throw Between	Adjacent F	Positions: 10	degrees typ	ical	
Max Allowable Radial L	oad: 30.0 lb	ıs.			
ELECTRICAL RATINGS:					
Electrical		Units	Min	Тур	Max
Supply Voltage		VDC	4.5	5	5.5
Output Voltage, Tolerance at Center		VDC @ 5V Vcc	-0.35	N/A	+0.35
Output Voltage, Tolerance at Full Travel		VDC @ 5V Vcc	-0.35	N/A	+0.35
Supply Current Per Sensor		mA	N/A	N/A	10
ELECTRONICS:					
Seal:	Electronics sealed to IP68S				
ENVIRONMENTAL:					
Operating Temp Range:	-40°C to +85°C				
Humidity:	96% RH, 70°C, 96 hours				
Vibration:	Per MIL-810F minimum integrity				
EMI:	Withstand per SAE J1113 (contact factory for details)				
RFI:	Withstand per SAE J1113 (contact factory for details)				
MATERIALS:					

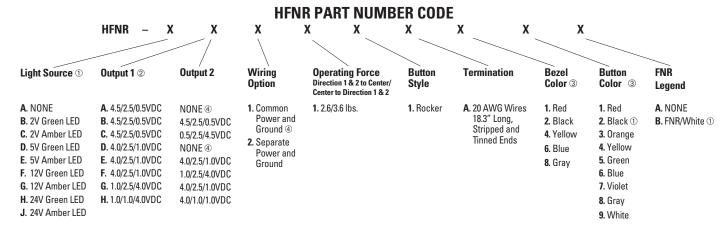
Thermoplastic

Thermoplastic

None provided

3-POSITION ANALOG OUTPUT SNAP-IN ROCKER WITH BACKLIGHTING





- ① Only button color black is available on backlit version; only legend color translucent white is available on backlit version.
- ② Outputs are when switch is in detented position.
- ③ Minimum lot charges may apply for certain color options.
- For single output switches, wiring option 1 should be selected.