3-POSITION ANALOG OUTPUT SNAP-IN ROCKER WITH BACKLIGHTING





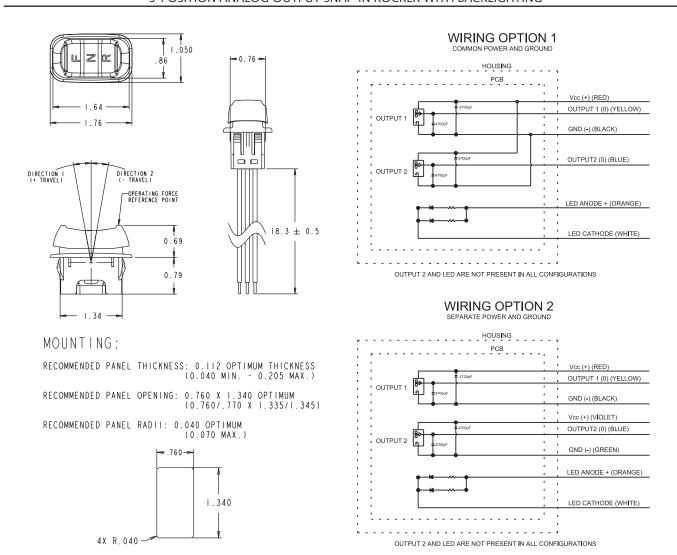
The HFNR is compact, robust and reliable, ideal for grip or panel mount applications. This 3-position switch provides operator comfort by reducing the movement required to change direction or switch gears. Backlighting provides enhanced visibility; making them easy to see in poor lighting or nighttime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

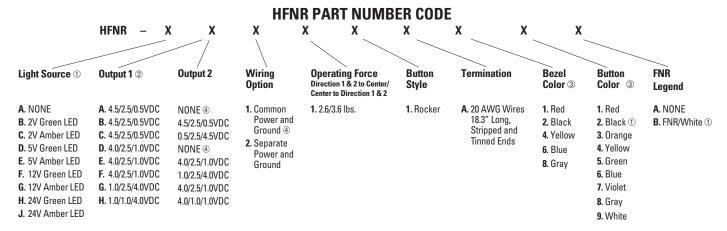
Features:

- 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

Standard Character	istics/Ratii	ngs:			
MECHANICAL:					
Mechanical Life: 3,000,000 full forward to full back					
Angle of Throw Between	Adjacent Po	ositions: 10 d	egrees typ	ical	
Max Allowable Radial L	oad: 30.0 lbs	i.			
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:					
Button:	Thermoplastic				
Bezel:	Thermoplastic				
Mounting Hardware:	None provided				

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- 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.
- ④ For single output switches, wiring option 1 should be selected.