

Features

- Non-contacting magnetic technology
- Highly resistant to vibration/shock
- Highly resistant to fluid/dust ingress
- Programmable at factory for zero position
- Robust design for industrial applications
- Highly repeatable

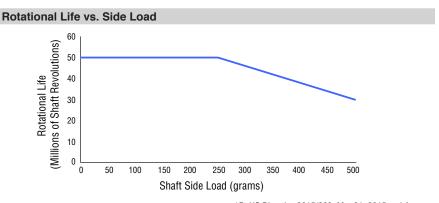
■ RoHS compliant*

AMS22B Non-Contacting Analog Rotary Position Sensor

Electrical Characteristics ¹ (@ 25	i °C)
Supply Current	
Environmental Characteristics	
Moisture Resistance	
Mechanical Characteristics (@ 2	25 °C)
Shaft/RPM	Continuous (340 ° +4/-0 stops available)

¹At room ambient: +25 °C nominal and 50 % relative humidity nominal, except as noted.

 $^{^{\}rm 2}$ Other Effective Electrical Angles available. See How to Order selection guide.





*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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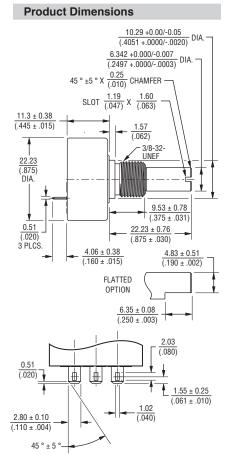
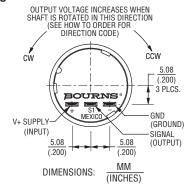
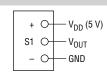


Figure 1



Schematic



Applications

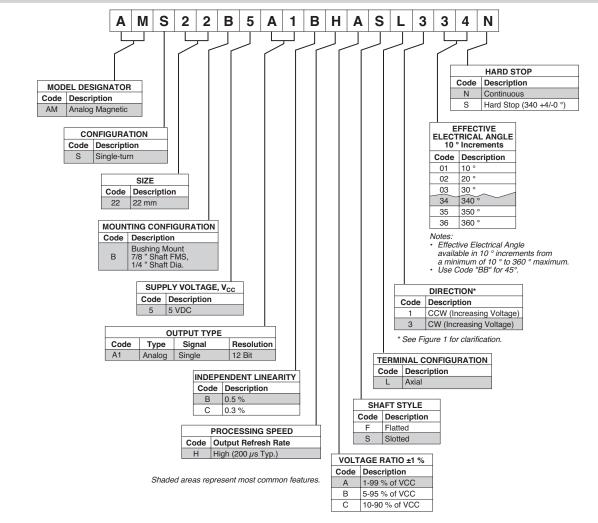
- Patient platform positioning feedback
- Pneumatic control valve position feedback
- Draw wire position sensors
- Remote communications antenna positioning
- Actuator motor position feedback
- Automated manufacturing robotics

- Tilt control and tilt positioning feedback
- Foot pedal, steering, lift-and-shuttle and suspension systems

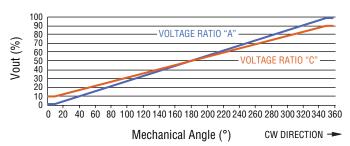
AMS22B Non-Contacting Analog Rotary Position Sensor

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How To Order



Standard Output: 1-Turn CW Increasing (Code 334 Shown)



Resolution

nesolution				
EEA	Resolution		EEA	Resolution
10	114		130	1479
20	228		140	1593
30	341		150	1707
40	455		160	1820
45	512		170	1934
50	569		180	2048
60	683		190	2162
70	796		200	2276
80	910		210	2389
90	1024		220	2503
100	1138		230	2617
110	1252		240	2731

250

2844

EEA	Resolution		
260	2958		
270	3072		
280	3186		
290	3300		
300	3413		
310	3527		
320	3641		
330	3755		
340	3868		
350	3982		
360	4096		

REV. 06/20

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