



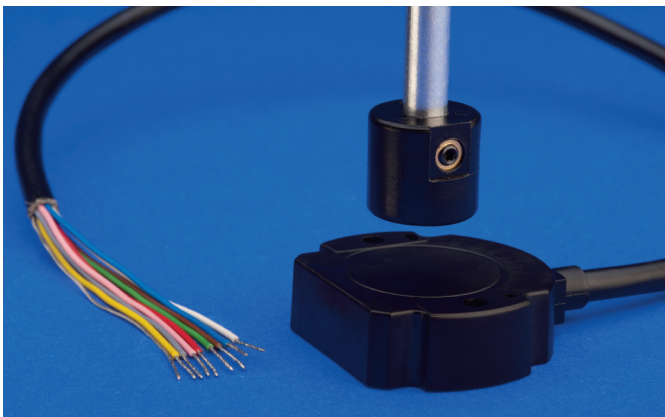
ADVERTISING  
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Editor's Contact:  
Mark Hersum  
508-544-1250 x204

For Immediate Release:

## NEW ANGLE SENSORS WITH 10 OUTPUT CHOICES

Southborough, MA... Novotechnik, U.S. introduces the RFC4800 Series of touchless rotary angle sensors that provide absolute, rotary position. Output options for analog, digital, redundant and switch outputs are standard.



The RFC4800 Series utilizes a magnetic pickup to provide a touchless measurement range of 0 to 360°. Key specifications include ingress protection from liquids and dust to the IP 69K standard, resolution to 12 bits, repeatability of 0.1° and independent linearity of  $\pm 0.5\%$ .

Outputs include SSI, Incremental, SPI, 0.1 to 10 V, 4 to 20 mA, 0.25 to 4.75 V - ratiometric to supply, 0.5 to 4.5 V - ratiometric, 2 PNP switches and redundant analog.

Switches feature positive switched outputs, width of switching zone is user- or pre-programmable, edge width of switch  $\leq 0.1^\circ$  and accuracy of switch edges is  $\pm 1^\circ$ .

Magnetic marker mounts to a shaft on users application up to 25 mm from sensor.

Designed to withstand shock and vibration up to 100G/20G, RFC4800 Series sensors have an operating temperature range of  $-40^\circ\text{C}$  to  $+85^\circ\text{C}$ .

For more information contact Novotechnik U.S., Inc.,  
155 Northboro Road,  
Southborough, MA 01772  
Phone: 508-485-2244 • Fax: 508-485-2430 • Web: [www.novotechnik.com/rfc48](http://www.novotechnik.com/rfc48)

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**AAI** Advertising Associates International

65 Sprague Street, Boston, MA 02136 • 1 Masthead Drive, Warwick, RI 02886 • 508-544-1250 • e-mail: [info@aai-agency.com](mailto:info@aai-agency.com)

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