

PR6423 / CON021

Product Data Sheet

PR6423/00R-010-CN CON021/913-030

Eddy current sensor system

FUNCTION Eddy current sensor system	FAMILY PR6423 / CON021	ORIGIN Germany	WEIGHT 0.2 kg
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Emerson PR6423/00R-010-CN CON021/913-030 is a Eddy current sensor system for the PR6423 / CON021. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Probe Diameter	8 mm nominal
Measurement Principle	Eddy current displacement
Linear Range	3.0 mm extended range
Converter Type	CON021/913-030
Probe Mounting	Reverse-mount body
Target Material	Ferromagnetic steel
Probe Temperature	-35 to +180 °C
Brief Temperature	+200 °C maximum
Pressure Rating	10000 hPa sensor head
System Output	Proportional gap voltage

ADDITIONAL PRODUCT DATA

Application	Shaft vibration monitoring
Cable Option	010 order-code length
Connector Option	CN termination
Linearity Class	Extended-range calibration
System Pairing	Matched probe and converter

OFFICIAL APPLICATIONS

- Use the documented probe diameter: Apply PR6423/00R-010-CN CON021/913-030 where probe diameter is 8 mm nominal. Confirm the installed hardware, field circuit and configuration before connection.
- Match the specified linear range: Verify linear range as 3.0 mm extended range together with the exact terminals, companion equipment and approved engineering record.
- Complete the system pairing: After installation, perform matched probe and converter, review diagnostics and save the measured result before returning the equipment to service.

SYSTEM COMPATIBILITY

Match PR6423/00R-010-CN CON021/913-030 to the installed PR6423 / CON021, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Emerson product documentation

<https://www.emerson.com/en-us/support/documentation>

AMIKON PRODUCT SUPPORT

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