EMERSON AMS EXACT-MODEL PRODUCT

PR6423/004-030 CON021 913-030

PR6423/004-030 CON021 913-030 combines an Emerson PR6423 8 mm eddy-current sensor marking with the CON021/913-030 panel-mount signal converter configuration. Emerson documents the converter option for a PR6423 extended measuring range of 3.0 mm; all probe construction suffixes must still match the supplied assembly.

PRODUCT FAMILY	PRODUCT TYPE
AMS / EPRO Eddy Current Measurement	**8 mm Eddy Current Sensor System**

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**PR6423/004-030 CON021 913-030**
Manufacturer	**Emerson**
Product family	**AMS / EPRO Eddy Current Measurement**
Product type	**8 mm Eddy Current Sensor System**
Sensor model	**PR6423/004-030**
Signal converter	**CON021/913-030**
Sensor nominal diameter	**8 mm**
Measurement principle	**Non-contact eddy current**
Converter measuring range	**3.0 mm extended range**
Converter linearity error	**Less than or equal to 1.5%**
Typical measured variables	**Shaft displacement, position, eccentricity, and speed**
Sensor protection class	**IP66**
Country of origin	**Confirm with supplied unit**

Application fit

- Use only as a matched PR6423 sensor, extension cable, and CON021 converter system.
- Confirm probe thread, cable length, connector, target material, initial gap, and converter calibration before installation.
- Preserve the original mounting geometry and verify the output/gap characteristic before returning machinery to service.

PRODUCT-SPECIFIC REFERENCE	INSTALLATION NOTE
CON021/913-030 is documented for PR6423 with a 3.0 mm extended measuring range.	Do not interchange probes, cables, or converters without verifying the matched system and original machinery drawing.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering PR6423/004-030 CON021 913-030

Use this page as a controlled procurement checklist. It does not replace the manufacturer instruction sheet, wiring drawing, approval certificate, or site safety procedure.

Ordering limits and selected values

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Manufacturer	**Emerson**
Product family	**AMS / EPRO Eddy Current Measurement**
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Procurement checklist

- Confirm PR6423/004-030 and CON021/913-030 on supplied labels.
- Record probe thread, cable length, and connector style.
- Check target material and shaft diameter.
- Set and record the mechanical gap using the approved curve.
- Validate output polarity, range, alarm logic, and machinery protection loop.

DIRECT SALES INQUIRY

Send the full model **PR6423/004-030 CON021 913-030**, quantity, delivery country, and a clear nameplate or installed-module photo.

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Source and document status

Technical basis	Emerson PR6423 8 mm Sensor Specifications Sheet (December 2024) and Emerson CON021 Panel Mount specifications (August 2017).
Publisher	Moore Automation - independent industrial automation supplier.
Document status	Independent product manual; not a manufacturer-issued datasheet, conformity certificate, or calibration certificate.
Important	Verify the complete nameplate, suffix, carrier or terminal hardware, wiring, approvals, and installed-system compatibility before ordering.