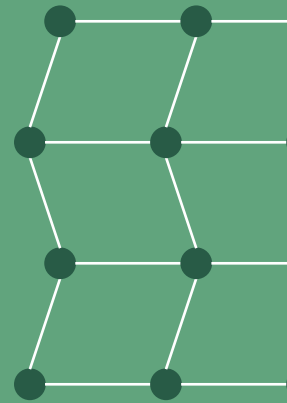


MANUFACTURER-SOURCE TECHNICAL REFERENCE

Epro PR6423/003-030 CON021

PR6423/003-030 CON021 Evidence-Bounded Product Information Manual

Emerson PR6423 eddy-current sensor and CON021 converter requested configuration



DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Emerson manufacturer sources. No product photograph is included.

Product / lookup identity	Epro PR6423/003-030 CON021
Reference number	PR6423/003-030
Document basis	Published Emerson product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Epro/pr6423-003-030-con021>

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Workflow and system context

Epro PR6423/003-030 CON021 is an evidence-bounded PR6423 eddy-current sensor and CON021 converter requested configuration. System role: The verified PR6423 base is used with a CON021 signal converter for non-contact displacement measurement; standard PR6423 measuring range is 2.0 mm.

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| 01 | System Inputs: The verified PR6423 base is used with a CON021 signal converter for non-contact displacement measurement; standard PR6423 measuring range is 2.0 mm. |
| 02 | Processing: Match the physical sensor suffix, cable, converter variant, target material, initial air gap, monitoring channel and calibration chain. |

Published context and boundaries

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|----|--|
| 01 | Verify the complete Epro PR6423/003-030 CON021 physical label and installed-system documentation before use. |
| 02 | Do not interpret the sensor's -030 text as CON021/913-030; the latter is a distinct extended-range converter configuration documented at 3.0 mm. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them. |

Verification and release checks

01	Verify the complete Epro PR6423/003-030 CON021 label, revision and installed-system documentation before use.
02	Do not interpret the sensor's -030 text as CON021/913-030; the latter is a distinct extended-range converter configuration documented at 3.0 mm.
03	De-energize the equipment and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.
04	Back up controller, drive, network and configuration data before replacement, migration or firmware work.
05	Verify every companion module, cable, connector, termination and power source from approved drawings.
06	Do not copy electrical, communication, mechanical or lifecycle values from a related model or successor.

Identity and release controls

Verification Status	Base Models Verified Exact Sensor Suffix Hold
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Official Emerson sources

Emerson CON021 data sheet	https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/forms-and-specs/documents/eddy-current-signal-converter-con021.pdf
Emerson CON021 / CON031 installation guide	https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/forms-and-specs/documents/con-021-and-con-031--converter-for-pr-642x-eddy-current-sensors.pdf