Emerson PR6423/000-010 CON021

8 mm Eddy Current Sensor and Panel Converter Set / Product dashboard

This consolidated record keeps Emerson PR6423/000-010 CON021 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY

Emerson PR6423/000-010 CON021

PRODUCT ROLE

8 mm Eddy Current Sensor and Panel Converter Set

PLATFORM

EPRO PR6423 / CON021

CONTROL BASIS

Exact evidence plus installed-system record

Sensor	PR6423/000-010
Converter	CON021
Probe class	8 mm
Thread	M10 x 1
Armor	None
Sleeve length	25 mm

The dashboard places PR6423/000-010 CON021 identity, operating role and maintenance boundaries in one review surface for the EPRO PR6423 / CON021 installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Emerson PR6423/000-010 CON021

8 mm Eddy Current Sensor and Panel Converter Set / Technical matrix

Sensor	PR6423/000-010
Converter	CON021
Probe class	8 mm
Thread	M10 x 1
Armor	None
Sleeve length	25 mm
Cable length	5 m
Cable end	Lemo
Nominal scale factor	8 V/mm
Standard measuring range	2 mm

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Emerson PR6423 8 mm Sensor and CON021 Signal Converter Data Sheets

REVISION NOTE

Manufacturer specifications and ordering matrix

Emerson PR6423/000-010 CON021

8 mm Eddy Current Sensor and Panel Converter Set / Application architecture

Sleeve-bearing radial vibration

Measures shaft motion relative to the bearing housing.

Axial position channels

Tracks thrust movement against a prepared ferromagnetic target.

Phase-reference measurements

Supplies a proximity signal where the installation design calls for one.

Panel converter renewal

Restores a PR6423 channel using the documented CON021 interface.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the EPRO PR6423 / CON021 context, PR6423/000-010 CON021 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Emerson PR6423/000-010 CON021

8 mm Eddy Current Sensor and Panel Converter Set / Risk and decision register

PRIMARY RISK

A mismatch between the PR6423/000-010 CON021 label and the installed 8 mm eddy current sensor and panel converter set record.

CONFIGURATION RISK

Loss of the PR6423/000-010 CON021 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another EPRO PR6423 / CON021 item as automatically equivalent to PR6423/000-010 CON021.

RELEASE RISK

Returning PR6423/000-010 CON021 to control before diagnostics and functional response are witnessed.

Decision register

Which thread is specified for Emerson PR6423/000-010 CON021?

The 000 sensor execution uses an M10 x 1 thread without armor.

How long is the cable on Emerson PR6423/000-010 CON021?

The cable-order code identifies a five-metre cable.

What standard measuring range applies to Emerson PR6423/000-010 CON021?

The matched PR6423 system uses a 2 mm standard range.

What installation record is essential for Emerson PR6423/000-010 CON021?

Retain sleeve position, bracket location, initial gap, target material, cable route and converter assignment.

What sleeve length is encoded by Emerson PR6423/000-010 CON021?

The third base-code digit identifies a 25 mm sleeve.

Which connector ends the cable on Emerson PR6423/000-010 CON021?

The final zero code specifies a Lemo connector.

Which nominal scale factor applies to Emerson PR6423/000-010 CON021?

The manufacturer specification lists 8 V/mm nominal sensitivity.

What proves correct operation of Emerson PR6423/000-010 CON021?

Move the target through a controlled range, verify polarity and scale, then confirm the expected vibration signal at the monitor.

Decision closeout

Approve the PR6423/000-010 CON021 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Emerson PR6423/000-010 CON021

8 mm Eddy Current Sensor and Panel Converter Set / Canonical record and support

Canonical identity	Emerson PR6423/000-010 CON021
Product name	8 mm Eddy Current Sensor and Panel Converter Set
Family	EPRO PR6423 / CON021
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Emerson 3900 02 10	View Emerson 3900 02 10 page
Emerson 396P 02 12 55	View Emerson 396P 02 12 55 page

MANUFACTURER EVIDENCE RECORD

Emerson PR6423 8 mm Sensor and CON021 Signal Converter Data Sheets

Manufacturer specifications and ordering matrix

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Send the exact model, quantity, destination and requested condition for a quotation.