Emerson PR6423/012-100 CON011

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

This consolidated record keeps Emerson PR6423/012-100 CON011 identity, technical limits, applications, precautions and acceptance evidence on one review surface.

IDENTITY

Emerson PR6423/012-100 CON011

PRODUCT ROLE

Armored 8 mm Eddy Current Sensor and Hardened Panel Converter Set

PLATFORM

EPRO PR6423 / CON011

CONTROL BASIS

Exact evidence plus installed-system record

Sensor	PR6423/012-100
Converter	CON011
Probe class	8 mm
Thread	M10 x 1
Cable armor	Yes
Sleeve length	45 mm

The dashboard places PR6423/012-100 CON011 identity, operating role and maintenance boundaries in one review surface for the EPRO PR6423 / CON011 installation.

Dashboard boundary

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

Emerson PR6423/012-100 CON011

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

Sensor	PR6423/012-100
Converter	CON011
Probe class	8 mm
Thread	M10 x 1
Cable armor	Yes
Sleeve length	45 mm
Adaptor plug	Not supplied
Cable length	4 m
Cable end	Lemo
Target material	42CrMo4 / AISI 4140

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 CON011 Signal Converter Data Sheets

REVISION NOTE

Manufacturer specifications and ordering matrix

Emerson PR6423/012-100 CON011

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

Longer-reach probe mounting

Places the sensing tip through the documented 45 mm sleeve arrangement.

Protected cable routes

Uses armor where the approved installation requires mechanical protection.

Turbomachinery displacement

Measures radial or axial movement through a hardened converter channel.

Outage replacement

Restores an exact armored, no-adaptor sensor execution.

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 / CON011 context, PR6423/012-100 CON011 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Emerson PR6423/012-100 CON011

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

PRIMARY RISK

A mismatch between the PR6423/012-100 CON011 label and the installed armored 8 mm eddy current sensor and hardened panel converter set record.

CONFIGURATION RISK

Loss of the PR6423/012-100 CON011 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another EPRO PR6423 / CON011 item as automatically equivalent to PR6423/012-100 CON011.

RELEASE RISK

Returning PR6423/012-100 CON011 to control before diagnostics and functional response are witnessed.

Decision register

What distinguishes the probe construction of Emerson PR6423/012-100 CON011?

It uses an armored M10 probe with a 45 mm sleeve.

Which cable length is encoded by Emerson PR6423/012-100 CON011?

The code specifies a four-metre cable.

Which calibration target applies to Emerson PR6423/012-100 CON011?

Published sensor data use 42CrMo4, equivalent to AISI 4140.

What handling precaution is specific to Emerson PR6423/012-100 CON011?

Do not twist, crush or use the armored cable as a support for the probe.

Is an adaptor plug supplied with Emerson PR6423/012-100 CON011?

No. The first post-hyphen digit identifies the no-adaptor execution.

How is the cable terminated on Emerson PR6423/012-100 CON011?

The cable uses a Lemo connector.

Why must the sleeve reach be recorded for Emerson PR6423/012-100 CON011?

The 45 mm mechanical execution determines sensing-tip position and available adjustment.

What completes commissioning of Emerson PR6423/012-100 CON011?

Confirm mechanical depth and gap, then verify converter output, polarity and the complete monitor response.

Decision closeout

Approve the PR6423/012-100 CON011 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Emerson PR6423/012-100 CON011

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

Canonical identity	Emerson PR6423/012-100 CON011
Product name	Armored 8 mm Eddy Current Sensor and Hardened Panel Converter Set
Family	EPRO PR6423 / CON011
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 KJ4001X1 NA1 12P3373X012	View Emerson KJ4001X1 NA1 12P3373X012 page
Emerson KJ4001X1 CC1 12P0733X042	View Emerson KJ4001X1 CC1 12P0733X042 page

MANUFACTURER EVIDENCE RECORD

Emerson PR6423 8 mm Sensor and CON011 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.