

Emerson PR6423/010-010 CON021

8 mm Eddy Current Sensor with Signal Converter

Verified identification and technical data

Manufacturer	Emerson
Model	PR6423/010-010 CON021
Part number	PR6423/010-010 CON021
Product family	AMS Machinery Health
Product type	8 mm Eddy Current Sensor with Signal Converter
Sensor tip	8 mm
Measurement range	2 mm (80 mils)
Initial air gap	0.5 mm (20 mils)
Sensitivity	8 V/mm (203.2 mV/mil)
Case thread	M10x1
Converter	CON021 panel-mount

Manufacturer source used

<https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/forms-and-specs/documents/pr6423-8mm-sensor.pdf>

<https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/forms-and-specs/documents/eddy-current-signal-converter-con021.pdf>

Only information within the cited manufacturer-source scope is reproduced. No unverified rating, dimension, interchangeability or lifecycle claim is added.

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Replacement and installation checks

- Match the complete model, suffix and hardware revision against the installed unit and approved bill of materials.
- Confirm rack, slot, connector, wiring, channel assignment, sensor or system interface before removal.
- Back up applicable project data and record the original installation before disturbing connections.
- Use qualified personnel and current manufacturer installation, commissioning and validation instructions.
- Do not infer compatibility from similar appearance or a related model number.

Engineer FAQ

How should PR6423/010-010 CON021 identity be checked before ordering?

Match the complete model, part number, suffix, hardware revision and visible nameplate details.

What compatibility information is needed for PR6423/010-010 CON021?

Confirm the installed AMS Machinery Health, carrier or housing, slot, mating connector, wiring and project bill of materials.

What should be reviewed before installing PR6423/010-010 CON021?

Isolate the affected equipment under the site procedure, preserve configuration and follow current manufacturer instructions.

Which application context applies to PR6423/010-010 CON021?

The cited manufacturer source identifies the component as 8 mm Eddy Current Sensor with Signal Converter; final suitability remains application- and revision-specific.

What must be tested after replacing PR6423/010-010 CON021?

Perform approved diagnostics, channel or communication checks, and required validation before returning equipment to service.

What should accompany a PR6423/010-010 CON021 quotation request?

Provide quantity, destination, required condition, and clear front, side and nameplate photographs.

Request exact-model verification or a quotation
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Independent reference prepared by SalesPLCAuto from the cited manufacturer source. It is not a manufacturer-issued datasheet or a substitute for current project documentation.