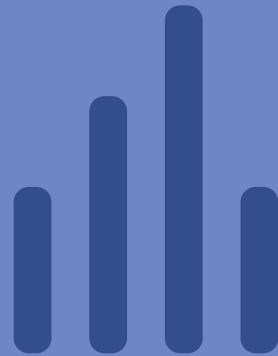


MANUFACTURER-SOURCE TECHNICAL REFERENCE

Emerson PR6426/000-131 CON041

PR6426/000-131 CON041 Evidence-Bounded Product Information Manual

Emerson PR6426/000-131 CON041 eddy current sensor and DIN-rail converter configuration



DOCUMENT SCOPE

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

Product / lookup identity	Emerson PR6426/000-131 CON041
Reference number	PR6426/000-131 CON041
Document basis	Published Emerson product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Emerson/pr6426-000-131-con041>

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Workflow and system context

Emerson PR6426/000-131 CON041 is an evidence-bounded eddy current sensor and DIN-rail converter configuration in the EPRO machinery monitoring installed-base context. System role: The PR6426 sensor and CON041 converter form a non-contact shaft-displacement measurement chain for critical turbomachinery.

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|----|--|
| 01 | System Inputs: The PR6426 sensor and CON041 converter form a non-contact shaft-displacement measurement chain for critical turbomachinery. |
| 02 | Processing: The PR6426 family provides an 8 mm standard full measuring span around a nominal 5.5 mm gap; the standard CON041 row lists PR6426 with an 8.0 mm measuring range and up to 1.5% linearity error. |

Published context and boundaries

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|----|---|
| 01 | Verify the complete Emerson PR6426/000-131 CON041 nameplate, revision and installed-system documentation before use. |
| 02 | Confirm the physical labels on both devices and the exact barrier, supply, material calibration and output-range requirements. Do not substitute an extended-range CON041/916 variant unless the project specification explicitly calls for it. |
| 03 | Current formal lifecycle phase, origin, HS code, dimensions and logistics weight remain HOLD without exact Emerson evidence. |

Verification and release checks

01	Verify the complete Emerson PR6426/000-131 CON041 nameplate, revision and installed-system documentation before use.
02	Confirm the physical labels on both devices and the exact barrier, supply, material calibration and output-range requirements. Do not substitute an extended-range CON041/916 variant unless the project specification explicitly calls for it.
03	De-energize and follow the site's approved electrical and process-safety procedure before disturbing hardware or field wiring.
04	Back up controller, network, I/O, addressing and configuration data before replacement or firmware work.
05	Verify every companion module, termination unit, cable, connector 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	Verified Sensor Configuration And Converter Compatibility
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Official Emerson sources

Emerson PR6426 32 mm Eddy Current Sensor Data Sheet	https://www.emerson.com/is/content/emerson/de/systems-and-software/ams/forms-and-specs/documents/document-32-mm-wirbelstromsensor-pr-6426.pdf
Emerson CON041 Eddy Current Signal Converter	https://www.emerson.com/is/content/emerson/en/systems-and-software/ams/forms-and-specs/documents/eddy-current-signal-converter-con041.pdf