

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Emerson PR6426/010-140

PR6426/010-140 Evidence-Bounded Product Information Manual

Emerson PR6426/010-140 32 mm eddy current sensor

DOCUMENT SCOPE

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

Product / lookup identity	Emerson PR6426/010-140
Reference number	PR6426/010-140
Document basis	Published Emerson product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Emerson/pr6426-010-140>
Apter Power contact

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Workflow and system context

Emerson PR6426/010-140 is an evidence-bounded 32 mm eddy current sensor in the EPRO machinery monitoring installed-base context. System role: The non-contact sensor measures radial or axial shaft displacement, position and eccentricity on critical turbomachinery.

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| 01 | System Inputs: The non-contact sensor measures radial or axial shaft displacement, position and eccentricity on critical turbomachinery. |
| 02 | Processing: PR6426 is specified for large ferromagnetic shafts and requires a separately verified compatible signal converter; the LEMO cable-end configuration is associated with CON011 or CON021 in the Emerson sensor sheet. |

Published context and boundaries

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| 01 | Verify the complete Emerson PR6426/010-140 nameplate, revision and installed-system documentation before use. |
| 02 | The requested item is the sensor configuration only. Do not claim that a converter, bracket, barrier or extension cable is included, and do not transfer CON041 specifications to this LEMO-ended configuration. |
| 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 PR6426/010-140 nameplate, revision and installed-system documentation before use.
02	The requested item is the sensor configuration only. Do not claim that a converter, bracket, barrier or extension cable is included, and do not transfer CON041 specifications to this LEMO-ended configuration.
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 Exact Ordering Configuration
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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