PR6424/006-010

Epro / 16 mm Eddy-Current Displacement Probe

Installation and commissioning checks for Epro PR6424/006-010.

01 Identify the installed configuration

Before commissioning, verify the M18 mounting position, target track, cable route and total electrical chain. Establish the required cold gap from the approved converter output, then trend the restored channel at a known machine condition and compare it with the site baseline.

02 Prepare the change

Record the complete marking, companion hardware and project settings before removing the installed item.

01 Confirm the sleeve execution

Match the full PR6424/006-010 marking and the Cx 100 mm sleeve with the installed holder.

02 Check cable protection

Assess the unarmored cable route and bend clearance before fitting.

03 Confirm the target

Verify target material, diameter and surface condition at the measurement track.

03 Fit and configure

04 Match the electrical chain

Use the approved adapter, total cable length, converter and monitor channel.

05 Establish operating gap

Set the initial gap using the calibrated converter and project procedure.

06 Validate the restored signal

Compare steady position, dynamic response and channel diagnostics against a known baseline.

Source and application boundary

Emerson PR6424 Specifications Sheet, 16mm Eddy Current Sensor, December 2024.

PR6424 performance figures are matched-family values. Confirm actual converter, target and installed order-code execution before applying them to a protection channel.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

EPRO PR6423/010-010	EPRO PR6423/10R-010
EPRO PR6424/010-010	EPRO PR9350/02
EPRO PR9268/301-000	EPRO MMS6410

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Send the complete model and installed-system details when requesting a quotation.