PR6423/10R-010

Epro / 8 mm Eddy-Current Displacement Probe

Installation and commissioning checks for Epro PR6423/10R-010.

01 Identify the installed configuration

For a service change, preserve the original probe position, target surface and cold gap. Route the cable within the documented bend limits, confirm the adapter and LEMO connection, and compare the restored signal with a known mechanical position before returning the channel to protection service.

02 Prepare the change

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

01 Match the full order code

Compare the complete PR6423/10R-010 marking with the installed probe and converter documentation.

02 Preserve the mounting geometry

Keep the 3/8-24 UNF engagement, probe position and intended reverse mount arrangement.

03 Check the measurement chain

Confirm the converter, extension cable, adapter and monitor input as one calibrated system.

03 Fit and configure

04 Protect the cable route

Allow clearance for the standard unarmored construction and its minimum bending radius.

05 Set the cold gap

Adjust the probe-to-target position using the approved converter output and site procedure.

06 Verify channel behavior

Compare the restored gap and dynamic response with the pre-service machine record.

Source and application boundary

Emerson PR6423 Specifications Sheet, 8mm Eddy Current Sensor, December 2024.

PR6423 electrical and environmental figures describe the matched 8 mm sensor family. Confirm converter and installation applicability to the offered complete order code.

Related product references

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

EPRO PR6423/010-010	EPRO PR6424/010-010
EPRO PR6424/006-010	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.