

10030-05-30-05-02

7200-Compatible Proximity Probe

METRIX 10030-05-30-05-02 is a 10000-series proximity probe for a documented 7200-compatible transducer loop. It provides the field sensing element for shaft position or vibration measurement with matched system electronics.

BRAND	METRIX	FAMILY	METRIX 10000-series 7200-compatible proximity system
PART	10030-05-30-05-02	SYSTEM ROLE	Senses shaft movement without mechanical contact

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10030-05-30-05-02

MANUFACTURER SOURCE RECORD

10000 Series 7200-Compatible Proximity Probe Datasheet
METRIX document 1009553

Product Overview

SYSTEM FUNCTION

METRIX 10030-05-30-05-02 is a 10000-series proximity probe for a documented 7200-compatible transducer loop. It provides the field sensing element for shaft position or vibration measurement with matched system electronics.

FUNCTION 1

Senses shaft movement without mechanical contact

FUNCTION 2

Supports the documented 7200-compatible transducer architecture

FUNCTION 3

Forms one calibrated element of the matched loop

FUNCTION 4

Maintains exact probe identity during monitored-machine service

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	METRIX 10000-series 7200-compatible proximity system
Primary interface	Senses shaft movement without mechanical contact
Engineering context	Use 10030-05-30-05-02 only with its documented host, interfaces and accessories; record the as-found arrangement and complete a controlled functional verification after installation.
Commissioning duty	Prove polarity, position, vibration response and alarm action before release.

TECHNICAL NOTE

Install 10030-05-30-05-02 only in the documented METRIX 10000-series 7200-compatible proximity system arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Country of origin	USA	Measurement principle	Eddy-current proximity
HS code	8537101190	System lengths	5 m or 9 m
Product family	10000 series	Installation role	Probe sensing element
Compatibility class	7200-compatible		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
10026	high-pressure proximity probe	View 10026 page
10030	7200-compatible proximity probe	View 10030 page

ENGINEERING BOUNDARY

Confirm the complete 10030-05-30-05-02 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Applications and Precautions

Common Applications

Radial shaft-vibration monitoring

Measures shaft motion relative to the bearing housing.

Axial position measurement

Provides the sensing point for a documented thrust-position channel.

Shaft centerline observation

Supplies static and slow-roll position information to the monitor.

7200-compatible loop maintenance

Restores the probe while retaining the complete matched system length.

Product Precautions

- 1

Confirm the full 10030-05-30-05-02 marking and installed mounting execution.
- 2

Place the monitored machine and protection channel in maintenance state.
- 3

Record probe position, lead route, extension cable and signal conditioner.
- 4

Protect the probe tip, thread and connector from impact or contamination.
- 5

Keep the cable within the documented bend and tensile limits.
- 6

Verify the complete installed loop uses the approved 7200-compatible components.
- 7

Set static gap in the documented linear region after mechanical installation.
- 8

Prove polarity, position, vibration response and alarm action before release.

IMPORTANT NOTICE

Confirm the complete 10030-05-30-05-02 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	10030-05-30-05-02
Configuration	Set static gap in the documented linear region after mechanical installation.
Functional release	Prove polarity, position, vibration response and alarm action before release.

Engineer FAQ

Q1 What makes 10030-05-30-05-02 the correct execution for this installation?

Confirm 10030-05-30-05-02, the installed 7200-compatible host loop, mounting execution, probe and extension lengths, connector, signal conditioner, target, wiring, shielding, grounding, static gap and controlled response-test results before commissioning.

Q3 Which companion components must remain matched to 10030-05-30-05-02?

The probe is installed as one part of a matched probe, extension and signal-conditioner system. Commissioning verifies complete article identity, mechanical position, system length, cable routing, static gap and monitor response.

Q5 How should the physical interface of 10030-05-30-05-02 be inspected?

Verify the complete installed loop uses the approved 7200-compatible components.

Q7 Which commissioning observations prove 10030-05-30-05-02 is operating normally?

Confirm the full 10030-05-30-05-02 marking and installed mounting execution. Keep the cable within the documented bend and tensile limits.

Q2 Where is 10030-05-30-05-02 used within the documented METRIX 10000-series 7200-compatible proximity system architecture?

Senses shaft movement without mechanical contact. It provides the field sensing element for shaft position or vibration measurement with matched system electronics.

Q4 What pre-work evidence is needed before disconnecting 10030-05-30-05-02?

Place the monitored machine and protection channel in maintenance state. Record probe position, lead route, extension cable and signal conditioner.

Q6 What configuration values must agree with the installed 10030-05-30-05-02?

Set static gap in the documented linear region after mechanical installation.

Q8 What maintenance evidence closes the work on 10030-05-30-05-02?

Prove polarity, position, vibration response and alarm action before release.

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