Bently Nevada 22810-00-04-10-02

Complete Product Information

Bently Nevada 22810-00-04-10-02 is an armored M10 x 1 standard-mount 8 mm probe for a legacy 7200 proximity transducer chain.

01 Product identity and verified data

Complete model	22810-00-04-10-02
Product type	7200 Series 8 mm standard-mount proximity probe
Manufacturer	Bently Nevada
Technical source	Bently Nevada 7200 Proximity Transducer Systems 5 mm and 8 mm Technical and Ordering Information
Transducer series	7200 Series 5 mm and 8 mm
Probe tip diameter	8 mm
Mounting configuration	Standard mount
Mounting thread	M10 x 1
Lead armor	Stainless steel
Unthreaded length	0 mm
Overall case length	40 mm
Total probe length	1.0 m

Engineering purpose

Bently Nevada 22810-00-04-10-02 is an armored M10 x 1 standard-mount 8 mm probe for a legacy 7200 proximity transducer chain.

Selected order-code snapshot

Legacy family	7200 Series 8 mm standard-mount probe.
Selected mechanics	M10 x 1; 0 mm unthreaded; 40 mm case.
Lead selection	1.0 m armored lead with miniature male coaxial connector.

02 Technical capability and engineering overview

Connector	Miniature male coaxial connector
Connector code	02
Order-code fields	Five fields after 22810
Measurement principle	Non-contact eddy-current proximity measurement

Measured quantities	Static position and dynamic vibration
Companion electronics	Matching 7200 Series extension cable and Proximitor
System boundary	Legacy 7200 chain; do not apply 3300 XL ratings

Evidence boundary

The five order fields are decoded from original Bently Nevada 7200 technical and ordering information. Electrical performance remains a matched-chain property.

Engineering overview

The M10 x 1 standard-mount body, 0 mm unthreaded section and 40 mm case establish the sensing position in a legacy 7200 installation. Record the installed datum and target travel before removal.

The 1.0 m lead uses stainless-steel armor and a miniature male coaxial connector. Preserve the installed 7200 extension-cable and Proximitor identities because their electrical relationship belongs to the legacy chain.

The probe is a passive eddy-current sensing element. Commissioning restores the documented gap or bias and proves the complete 7200 monitor channel against the recorded machine baseline; 3300 XL system values are not transferred.

Application map

Radial shaft vibration

Use the complete matched transducer chain at a documented bearing location to observe shaft motion relative to the probe mounting.

Axial position

Aim the probe at an approved conductive thrust target and keep the expected travel inside the characterized linear region.

Phase reference

Use only where the installed target feature and monitoring channel are approved for once-per-turn phase reference.

Installed-channel maintenance

Preserve the recorded probe, extension cable, Proximitor, target material, mounting geometry and monitor assignment.

03 System interpretation and selection boundaries

Product boundary	Apply the listed facts to 22810-00-04-10-02 and the documented 7200 Series 5 mm and 8 mm proximity transducer system context only.
Interface boundary	Connector, terminal, bus, cable and companion-device assignments must match the installed drawing.
Electrical boundary	Use exact-model values only; system-level ratings remain conditional on the complete installed configuration.
Configuration boundary	Switches, jumpers, addresses, firmware and project settings must be reconciled before energization.
Diagnostic boundary	Interpret indicators and fault states together with measured inputs, outputs and host-system status.
Acceptance rule	Use the approved system baseline and maintenance procedure for the final as-left decision.

Installed-system context

The offered item belongs to the legacy 7200 5 mm and 8 mm platform; the installed extension cable, Proximitor and monitor assignment determine compatibility.

04 Lifecycle, offered scope and related references

Lifecycle status

Exact-model status	A separate manufacturing or support phase is not assigned to the complete 22810-00-04-10-02 order identity.
Installed-family context	Service planning must preserve the documented 7200 Series 5 mm and 8 mm proximity transducer system relationship for this installed channel.
Replacement boundary	A 3300 or 3300 XL component is not a like-for-like substitute unless an approved conversion covers every companion component and calibration requirement.
Supply boundary	Apter Power availability is confirmed independently from the manufacturer lifecycle phase.

Available unit details

Offered reference	Bently Nevada 22810-00-04-10-02, armored M10 x 1 standard-mount 8 mm probe.
Identity check	Confirm 0 mm unthreaded section, 40 mm case, 1.0 m lead and miniature male coaxial connector.
Included items	Probe only; 7200 extension cable, Proximitor, monitor and mounting hardware are separate unless itemized.

Source and applicability record

Verified source	Bently Nevada 7200 Proximity Transducer Systems 5 mm and 8 mm Technical and Ordering Information
Applicability boundary	The five order fields are decoded from original Bently Nevada 7200 technical and ordering information. Electrical performance remains a matched-chain property.
Product family	7200 Series 5 mm and 8 mm proximity transducer system

Additional related product references

Related product	Bently Nevada 84661-96
Related product	Bently Nevada 330102-00-28-10-02-05
Related product	Bently Nevada 330104-00-16-10-02-00
Related product	Bently Nevada 330500-00-01

Engineering contact

Discuss the exact marking and installed application with Apter Power.
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