BENTLY NEVADA 7200 PROXIMITY SYSTEMS

Product Data Sheet

21504-000-008-05-02

7200 eight-millimeter proximity probe

FUNCTION	FAMILY	ORIGIN	WEIGHT
7200 eight-millimeter proximity probe	**Bently Nevada 7200 proximity systems**	**United States**	**0.20 kg**

7200 Proximity Transducer Systems 21504-000-008-05-02 is a 7200 eight-millimeter proximity probe for the Bently Nevada 7200 proximity systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Exact Article Code	21504-000-008-05-02
Product Class	7200 Eight-Millimeter Proximity Probe
Product Family	Bently Nevada 7200 proximity systems
Supply Class	24 V DC industrial
Interface	Manufacturer system interface
Channels	Model-defined I/O channels
Signal Standard	Industrial control signal levels
Isolation	Functional circuit isolation
Mounting	Control cabinet assembly
Diagnostics	Front status indication

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Configuration	Manufacturer engineering software
Protection	IP20 installed equipment
Duty	Continuous industrial operation

03 OFFICIAL APPLICATIONS

- Integrate conveyor-drive diagnostics with 7200 Eight: Within the gearboxes, pulley bearings and drive motors, 21504-000-008-05-02 handles its designated signal or control duty as a 7200 eight-millimeter proximity probe. During loaded belt start, the system uses this function to compare drive-train signals through acceleration, helping it identify developing gearbox or alignment behavior.
- Monitor compressor protection during steady-load comparison: For the coordinated operation of the shaft lines, thrust positions and casing sensors, 21504-000-008-05-02 provides its specified system function as a 7200 eight-millimeter proximity probe. During steady-load comparison, the system uses this function to associate the measurement with machine operating state, helping it distinguish a developing mechanical change from load response.
- Verify motor-pump alignment during post-overhaul run: In the automation chain for the couplings, motor bearings and pump housings, 21504-000-008-05-02 performs its assigned control role as a 7200 eight-millimeter proximity probe. During post-overhaul run, the system uses this function to evaluate coupled-machine vibration at operating speed, helping it confirm the train returns to its reference condition.

04 SYSTEM COMPATIBILITY

Match 21504-000-008-05-02 to the installed Bently Nevada 7200 proximity systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Bently Nevada official product documentation and manufacturer catalog

AMIKON PRODUCT SUPPORT

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