

7200 PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

81724-00-08-10-02

proximity transducer component

FUNCTION proximity transducer component	FAMILY 7200 Proximity Transducer Systems	ORIGIN United States	WEIGHT 0.5 kg
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7200 Proximity Transducer Systems 81724-00-08-10-02 is a proximity transducer component for the 7200 Proximity Transducer Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Part Number	81724-00-08-10-02
Product Family	7200 Proximity Transducer Systems
Component Type	Proximity Transducer Component
Measurement Principle	Eddy-current proximity sensing
Nominal Probe Tip	8 mm sensor family
Power Supply	-17.5 to -26 V DC
Scale Factor	7.87 V/mm nominal
Linear Range	0.25 to 2.30 mm
Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel

ADDITIONAL PRODUCT DATA

Cable Impedance	75 ohm triaxial
Output Resistance	50 ohm nominal
System Components	Probe, cable and Proximito

OFFICIAL APPLICATIONS

- Apply the documented proximity transducer component: Use 81724-00-08-10-02 in the documented 7200 Proximity Transducer Systems measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded proximity transducer component connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 81724-00-08-10-02. Restore each connection to the controlled drawing.
- Validate the complete proximity transducer component signal path: After installing 81724-00-08-10-02, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 81724-00-08-10-02 to the installed 7200 Proximity Transducer Systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 81724-00-08-10-02 manufacturer documentation](#)

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