

BENTLY NEVADA 7200 PROXIMITY SYSTEMS

Product Data Sheet

18745-04

7200 Proximitor sensor

FUNCTION	FAMILY	ORIGIN	WEIGHT
7200 Proximitor sensor	Bently Nevada 7200 proximity systems	United States	0.35 kg

7200 Proximity Transducer Systems 18745-04 is a 7200 Proximitor sensor for the Bently Nevada 7200 proximity systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model Number	18745-04
System Family	7200 proximity transducer system
Probe System Size	5 mm / 8 mm family application
Power Arrangement	Two-wire DC powered
Scale Factor	200 mV/mil
Metric Scale Factor	7.87 V/mm
Frequency Response	DC to 10 kHz
Measurement Principle	Noncontact eddy-current sensing
Primary Measurements	Shaft vibration and position
System Components	Probe, extension cable and Proximitor

Storage Temperature

-50°C to +120°C

- Condition the 7200 probe signal: Use the matched probe, extension cable and 18745-04 Proximitor as one calibrated transducer system for radial shaft vibration.
- Measure static shaft displacement: Apply the DC response and 200 mV/mil scale to thrust-position service after verifying target material and calibrated gap.
- Verify the complete transducer chain: Check supply polarity, system length, initial gap, scale factor and monitor indication before returning the machine channel to protection service.

Match 18745-04 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.

[Bently Nevada manufacturer documentation](#)

Manufacturer official documentation

AMIKON PRODUCT SUPPORT

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