3300 5 MM

Product Data Sheet

330171-00-28-10-02-05

Unarmored proximity sensing probe

CASE THREAD	UNTHREADED SECTION	CASE LENGTH SELECTION	TOTAL PROBE LEAD
1/4-28 UNF	**0.0 in**	**2.8 in**	**1.0 m**

Bently Nevada 330171-00-28-10-02-05 is a 3300 5 mm proximity probe for non-contacting vibration and position sensing. Its threaded case locates the sensing tip beside a conductive surface, while the integral lead connects the probe to the matching Proximitor arrangement.

01 TECHNICAL DATA

Case thread	1/4-28 UNF
Unthreaded section	0.0 in
Case length selection	2.8 in
Total probe lead	1.0 m
Lead armor	None
Connector protector	Not fitted
Cable construction	75 ohm triaxial; FEP insulation
Probe tip material	PPS
Probe case alloy	AISI 303 or 304 stainless steel
Lead connection	Miniature coaxial ClickLoc

Bently Nevada 3300 5 mm Datasheet 172036 Rev. T; applicable product description, specification and ordering sections.

02 ADDITIONAL PRODUCT DATA

Cable execution	Standard
Approval selection	05: multiple approvals
Matched-chain linear range	2.0 mm
Nominal matched-chain sensitivity	7.87 V/mm
Reference gap	1.27 mm

03 PRODUCT FUNCTION

The 1/4-28 UNF body has a 2.8 in overall case and 0.0 in unthreaded section. A 1.0 m unarmored standard lead terminates in a miniature ClickLoc connector without a connector protector. The 05 suffix selects the published multiple-approval option.

04 SYSTEM COMPATIBILITY

The complete matched 3300 5 mm chain has a published 2.0 mm linear range and nominal 7.87 V/mm sensitivity under the manufacturer reference conditions. These are chain values, not a standalone voltage output from the unpowered probe. Preserve the documented target and clearance conditions.

05 REFERENCE

Bently Nevada 3300 5 mm Datasheet 172036 Rev. T; applicable product description, specification and ordering sections.

AMIKON PRODUCT SUPPORT

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