3300 XL 8 MM

Product Data Sheet

330106-05-30-10-02-IN

Reverse-mount proximity sensing probe

MOUNTING ARRANGEMENT	MOUNTING THREAD	TOTAL PROBE LEAD	CONNECTOR COVERING
Reverse mount	**M10 x 1**	**1.0 m**	**Without connector protector**

Bently Nevada 330106-05-30-10-02-IN is a reverse-mount proximity probe for the 3300 XL 8 mm sensing chain. Its M10 x 1 mounting arrangement allows the sensing element to be used with the corresponding reverse-mount sleeve and matching Proximitor electronics.

01 TECHNICAL DATA

Mounting arrangement	Reverse mount
Mounting thread	M10 x 1
Total probe lead	1.0 m
Connector covering	Without connector protector
Coaxial connector	Miniature ClickLoc
Lead insulation	FEP
Cable impedance	75 ohm
Cable construction	Triaxial
Tip construction	PPS
Case alloy	Stainless steel

Bently Nevada 3300 XL 8 mm Datasheet 141194 Rev. AM, applicable specification, ordering and dimensional sections.

02 ADDITIONAL PRODUCT DATA

Probe conductor resistance	7.59 +/- 0.50 ohm
Nominal matched-chain scale	7.87 V/mm
Matched-chain linear range	2.0 mm
Calibration target	AISI 4140 steel
Maximum lead pull	330 N

03 PRODUCT FUNCTION

The assembly uses a 1.0 m standard lead and an unprotected miniature ClickLoc connection. The PPS sensing tip and stainless steel case form the non-contact sensing end, while the disconnected probe resistance is 7.59 +/- 0.50 ohm. The IN suffix remains part of the complete identity without an unverified regional approval claim.

04 SYSTEM COMPATIBILITY

Inspect the sleeve, tip clearance and ClickLoc interface before closing the assembly. For reverse-mount XL8 probes, recommended case torque is 7.5 N m and maximum rated torque is 22.6 N m. The connection without protector requires the appropriate installed connector enclosure.

05 REFERENCE

Bently Nevada 3300 XL 8 mm Datasheet 141194 Rev. AM, applicable specification, ordering and dimensional sections.

AMIKON PRODUCT SUPPORT

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