

APTER POWER

330709-000-120-10-02-00

11 mm Probe

It is an unarmored M16 x 1.5 3300 XL 11 mm probe with a 120 mm case, 1.0 m lead and ClickLoc connector.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 11 mm proximity transducer system
MODEL	330709-000-120-10-02-00
DOCUMENT	146256 Rev. T

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 143729-01	OPEN
02	Bently Nevada 84661-8	OPEN
03	Bently Nevada 84661-6	OPEN
04	Bently Nevada 330130-080-13-00	OPEN
05	Bently Nevada 330904-01-14-05-02-00	OPEN
06	Bently Nevada 330881-00-04-150-06-02	OPEN

APTER POWER SALES TEAM

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EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330709-000-120-10-02-00

Exact-model technical record

Complete model	330709-000-120-10-02-00
Manufacturer	Bently Nevada
Product family	3300 XL 11 mm proximity transducer system
Probe family	330709
Mounting thread	M16 x 1.5
Cable armor	Without armor
Unthreaded length	0 mm
Overall case length	120 mm

Probe lead length	1.0 m
Connector	ClickLoc
Approval option	None
Linear range	4.0 mm (160 mils)
Scale factor	3.94 V/mm (100 mV/mil)
Frequency response	0 to 8 kHz
Nominal gap	2.5 mm
Minimum target diameter	31 mm

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System role and applications

Axial position

Measures non-contacting shaft position over the documented range.

Differential expansion

Tracks relative movement in an engineered 11 mm transducer system.

Radial vibration

Supports the assigned vibration measurement when the mechanical geometry is approved.

Exact 11 mm probe renewal

Preserves the M16 thread, 120 mm case and ClickLoc lead identity.

ENGINEERING BOUNDARY

Verify 330709-000-120-10-02-00, the 11 mm extension cable and Proximitior Sensor, target diameter, total system length and 2.5 mm nominal gap before commissioning.

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Model-specific engineering questions

Q1. Which mechanical identity is encoded in Bently Nevada 330709-000-120-10-02-00?

The 330709 family specifies an M16 x 1.5 unarmored probe; this code adds 0 mm unthreaded length and a 120 mm case.

Q2. What probe-lead arrangement belongs to Bently Nevada 330709-000-120-10-02-00?

Code 10 provides a 1.0 m lead and code 02 provides the ClickLoc connector option.

Q3. What approval selection is used by Bently Nevada 330709-000-120-10-02-00?

The final 00 suffix specifies no approval option.

Q4. What linear range does Bently Nevada 330709-000-120-10-02-00 provide?

The matched 3300 XL 11 mm system provides a 4.0 mm (160 mil) linear range.

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Acceptance reference and related products

Q5. Which scale factor applies to Bently Nevada 330709-000-120-10-02-00?

Use the specified 3.94 V/mm (100 mV/mil) scale factor for the correctly matched 11 mm system.

Q6. What frequency response is specified for Bently Nevada 330709-000-120-10-02-00?

The transducer-system response is 0 to 8 kHz.

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06	Bently Nevada 330881-00-04-150-06-02	OPEN
07	Bently Nevada 130539-30	OPEN
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