

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.

Manufacturer	Bently Nevada
Product family	3300 XL 11 mm proximity transducer system
Complete model	330709-000-120-10-02-00
Source record	146256 Rev. T

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330180-X1-CN-C2-A0MOD-EF-BC-9A163339-01	OPEN
02	Bently Nevada 330104-08-12-10-02-00	OPEN
03	Bently Nevada 330103-00-04-10-12-05	OPEN
04	Bently Nevada 991-06-70-02-00	OPEN
05	Bently Nevada 31000-16-05-00-070-03-02	OPEN
06	Bently Nevada 330101-00-15-20-02-00	OPEN

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Exact-model technical record

Complete model	330709-000-120-10-02-00	Probe lead length	1.0 m
Manufacturer	Bently Nevada	Connector	ClickLoc
Product family	3300 XL 11 mm proximity transducer system	Approval option	None
Probe family	330709	Linear range	4.0 mm (160 mils)
Mounting thread	M16 x 1.5	Scale factor	3.94 V/mm (100 mV/mil)
Cable armor	Without armor	Frequency response	0 to 8 kHz
Unthreaded length	0 mm	Nominal gap	2.5 mm
Overall case length	120 mm	Minimum target diameter	31 mm

OFFICIAL SOURCE COVERAGE

Source 1	3300 XL 11 mm Proximity Transducer System Datasheet — Ordering Information, 146256 Rev. T
Source 2	3300 XL 11 mm Proximity Transducer System Datasheet — Specifications, 146256 Rev. T
Source 3	3300 XL 11 mm Proximity Transducer System Datasheet — Description and ordering notes, 146256 Rev. T

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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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01	Bently Nevada 330180-X1-CN-C2-A0MOD-EF-BC-9A163339-01	OPEN
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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.

SOURCE IDENTIFIER

146256 Rev. T

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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.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 31000-16-05-00-070-03-02	OPEN
02	Bently Nevada 330101-00-15-20-02-00	OPEN
03	Bently Nevada 330104-01-06-10-01-05	OPEN
04	Bently Nevada 330104-01-14-10-01-05	OPEN
05	Bently Nevada 3500-04-136719-01-128275-01	OPEN
06	Bently Nevada 330730-80-02-00	OPEN
07	Bently Nevada 21504-000-16-05-02	OPEN
08	Bently Nevada 330102-08-50-10-02-05	OPEN
09	Bently Nevada 330103-00-07-05-01-00	OPEN
10	Bently Nevada 330101-00-36-10-02-00	OPEN
11	Bently Nevada 106765-30	OPEN
12	Bently Nevada 31000-29-05-15-033-03-02	OPEN

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