

3300 XL 8 mm / Product Dashboard

330103-00-09-05-02-00

M10 METRIC 8 MM PROXIMITY PROBE

This 330103 article is the unarmored metric 8 mm probe with a 90 mm case, 0.5 m standard lead and ClickLoc termination.

Metric case

M10 x 1 thread; no cable armor

Unthreaded option / 00

0 mm

Case option / 09

90 mm overall case

Probe lead / 05

0.5 m integral lead

It becomes a calibrated measurement chain only when matched to the correct 8 mm extension cable, Proximitor Sensor and monitor configuration.

Order Code and System Data

330103-00-09-05-02-00

Probe lead / 05	0.5 m integral lead
Connector / 02	ClickLoc, standard lead, no protector
Approval option / 00	No added agency approval option
Probe tip	Polyphenylene sulfide (PPS)
Probe case	AISI 303 or 304 stainless steel
Probe lead	75 ohm triaxial, FEP insulated
Connector material	Gold-plated brass or beryllium copper
Probe temperature	-52 to +177 deg C operating/storage

Connector torque limit	0.565 N m maximum
M10 case torque	11.2 N m recommended; 33.9 N m maximum
M10 thread engagement	15 mm maximum
Matched system length	5 or 9 m with selected extension cable
Matched system ISF	7.87 V/mm (200 mV/mil)
Matched linear range	2 mm (80 mil)
Radial vibration gap	Approx. 1.27 mm / -9 Vdc reference
Matched frequency response	0-10 kHz, +0/-3 dB

System figures apply to the complete 3300 XL 8 mm chain under the manufacturer's stated target and calibration conditions, not to the loose probe alone.

Applications and Integration

330103-00-09-05-02-00

Static shaft position

Measure steady shaft position with the matched transducer chain.

Radial shaft vibration

Measure shaft vibration at a documented fluid-film bearing.

Keyphasor phase

Supply a configured once-per-turn phase reference.

Speed / zero-speed

Provide a configured machinery-speed measurement.

MATCHED SIGNAL PATH



Service Decisions

330103-00-09-05-02-00

What case and armor does this execution use?

An M10 x 1 metric case without cable armor.

What do 00 and 09 specify?

Zero unthreaded length and a 90 mm overall case.

How long is the integral lead?

Option 05 is a 0.5 m probe lead.

Which cable and connector are supplied?

Option 02 is standard cable and a ClickLoc coaxial connector without a protector.

What chain length must be matched?

Select a 5 or 9 m Proximitor system with the corresponding extension cable.

What radial-vibration gap is referenced?

The matched 8 mm system uses about 1.27 mm (-9 Vdc) as a setup reference.

CONTROLLED RELEASE

Verify the exact probe identity, connector, matched system length, target gap and controlled response before release.

Source and Related Portfolio

330103-00-09-05-02-00

RELATED BENTLY NEVADA PRODUCT PAGES

01 Bently Nevada 330104-00-07-50-02-00	02 Bently Nevada 330104-00-14-05-02-00	03 Bently Nevada 330104-00-25-50-02-CN
04 Bently Nevada 330104-10-20-10-02-00	05 Bently Nevada 330104-00-24-10-02-00	06 Bently Nevada 330104-00-14-10-01-05
07 Bently Nevada 330104-00-11-50-02-00	08 Bently Nevada 330104-00-10-10-02-00	09 Bently Nevada 330130-040-00-05
10 Bently Nevada 330130-080-03-00	11 Bently Nevada 330180-90-00	12 Bently Nevada 330180-X1-05 145004-64

MANUFACTURER SOURCE RECORD

Baker Hughes / Bently Nevada, 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

