

Armored Proximity Probe

330104-02-09-10-01-00

The 330104-02-09-10-01-00 is a metric, armored 3300 XL 8 mm probe with a standard lead and a protected ClickLoc connection. It operates only as part of a length-matched 8 mm transducer chain.

PROBE FAMILY

3300 XL 8 mm, metric M10 x 1

PROTECTION

Flexible stainless-steel armor

CONNECTOR

Protected ClickLoc, standard lead

ORDER OPTION

00: no additional approval

EXACT ARTICLE BOUNDARY

This probe is not a Proximitor or an extension cable. Preserve the armored metric mounting, standard protected connector and selected transducer-loop length; related portfolio links are navigation only.

ORDER-CODE CROSS-CHECK

- 02 and 09 identify the ordered metric case execution; verify both against the nameplate.
- 10 selects the 1.0 m integral lead; 01 selects the protected standard ClickLoc connection.
- 00 selects no extra approval; do not infer an approval from a related probe code.

Measurement-Chain Position



PROBE FAMILY	3300 XL 8 mm, metric M10 x 1
PROTECTION	Flexible stainless-steel armor
CONNECTOR	Protected ClickLoc, standard lead
ORDER OPTION	00: no additional approval

INTEGRATION RULE

This probe is not a Proximitor or an extension cable. Preserve the armored metric mounting, standard protected connector and selected transducer-loop length; related portfolio links are navigation only.

MATCHED 8 MM SYSTEM

The measurement chain is probe, compatible extension if used, 8 mm Proximitor and monitor.

The published 2 mm linear range and 0 to 10 kHz response describe a matched system, not the probe alone.

Retain the selected total system length and verify the configured static gap after replacement.

Exact-Article Technical Register

Exact article	330104-02-09-10-01-00
Probe family	3300 XL 8 mm metric probe
Mounting thread	M10 x 1
Armor	Flexible AISI 302 or 304 stainless steel
Unthreaded option	02: ordered metric execution
Case option	09: ordered metric execution
Integral lead	10: standard 1.0 m lead
Connector	01: ClickLoc with protector
Cable style	Standard FEP-insulated triaxial
Cable impedance	75 ohm
Approval option	00: no additional approval
Probe tip	Polyphenylene sulfide (PPS)
Case material	AISI 303 or 304 stainless steel
Probe DC resistance	7.59 +/- 0.50 ohm for 1.0 m lead
Standard probe temperature	-52 to +177 deg C
Recommended case torque	11.2 N m, standard forward mount

Service Decisions

01 Why is this 330104 execution armored?

The 330104 base is the armored metric 8 mm probe; 330103 is unarmored.

02 What does connector code 01 select?

A miniature ClickLoc coaxial connector with protector on standard cable.

03 Is FluidLoc included with this order?

No. Code 01 is the standard-cable execution, not FluidLoc.

04 What does approval code 00 mean?

No additional agency-approval option is selected by this code.

BEFORE RELEASE

Check the exact marking, protected connector, accepted loop length and channel response together.

Related 8 mm Portfolio and Source

RELATED BENTLY NEVADA PRODUCT PAGES

01	Bently Nevada 330709-000-050-10-12-05	02	Bently Nevada 330710-000-050-50-02-00
03	Bently Nevada 330730-040-00-00	04	Bently Nevada 330730-080-10-00
05	Bently Nevada 330730-080-13-05	06	Bently Nevada 330730-80-02-00
07	Bently Nevada 330780-51-CN	08	Bently Nevada 330780-91-05
09	Bently Nevada 330800-28-20-057-03-02		

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The 330104 base is the armored metric 8 mm probe; 330103 is unarmored.

What does connector code 01 select?

A miniature ClickLoc coaxial connector with protector on standard cable.

MANUFACTURER SOURCE RECORD

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

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