

Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108M1756\)](#).

For additional technical documentation, please log in to bntechsupport.com and access the Bently Nevada Media Library.

3300 XL 50 mm Proximity Probe

330876-AA-BB-CC-DD

A: Probe Case Type Option

0 1	½-20 Thread
0 2	M14x1.5 Thread
0 3	Smooth 1.99 in dia - Side Exit

B: Total Length Option

1 0	1.0 meter (3.3 feet)
5 0	5.0 meters (16.4 feet)
9 0	9.0 meters (29.5 feet)



Five meter probes are designed for use with the five meter Proximity Sensor only.

C: ArmorOption

0 0	High Temperature FluidLoc Cable
0 1	High Temperature FluidLoc Cable with Armor

D: Agency Approval Option

0 0	No Approvals
0 5	Multiple Approvals

3300 XL 50 mm Proximitior Sensor

330878-AA-BB

A: Total Length and Mounting Option

5 0	5.0 meters (16.4 feet) system length, panel mount
5 1	5.0 meters (16.4 feet) system length, DIN mount
9 0	9.0 meters (29.5 feet) system length, panel mount
9 1	9.0 meters (29.5 feet) system length, DIN mount

B: Agency Approval Option

0 0	No Approvals
0 5	Multiple Approvals

3300 XL 50 mm Extension Cable

330877-AAA-BB-CC



Make sure that the extension cable length and the probe length, when added together, equal the Proximitior Sensor total length.

A: Cable Length Option

0 4 0	4.0 meters (13.1 feet)
0 8 0	8.0 meters (26.2 feet)

B: Armor and Cable Option

3 6	FluidLoc cable
3 7	FluidLoc ext. cable w/ armor

C: Agency Approval Option

0 0	No Approvals
0 5	Multiple Approvals

Mounting Brackets

Each Sliding Mounting Bracket comes with:

- One sliding plate
- One base plate
- Sliding plate securing bolts with safety wire holes
- Lock washers



The material used for the mounting brackets is T6061-T6 aluminum. Base plate securing bolts are not provided; recommended bolt size is 3/8in or M8 socket head bolts.

3300 XL 50 mm Sliding Probe Bracket and Clamp

330879-AA-BB

A: Probe Clamp Style

0 1	Left Exit
0 2	Right Exit
0 3	Two clamps (used for CIDE applications) ¹

B: DE Mounting Bracket

0 0	No Mounting Bracket; Clamp Only (4)
0 1	Single DE Mounting Bracket (2)
0 2	Short CIDE Mounting Bracket (3)
0 3	Long CIDE Mounting Bracket (3)



This bracket is recommended for most installations. While any probe may be used, the smooth side exit probe is most often used with this bracket.

(1) When ordering two clamps, one right exit and one left exit clamp will be provided so that the cables exit from the same side of the CIDE bracket.

(2) The B01 probe mounting bracket option is only available with the A01 or A02 probe clamp style options.

(3) The B02 and B03 probe mounting bracket options are only available with the A03 probe clamp style options.

(4) When replacing 50 mm DE 130713, part number 330879-AA-00 should be ordered. Ordering with BB=00 will prevent unnecessary parts from being ordered with the clamp.

Sliding Mounting Brackets without clamps

131071-01	Single Transducer Mounting Bracket
131030-01	Short Complementary Input Differential Expansion (CIDE) Mounting Bracket
131031-01	Long Complementary Input Differential Expansion (CIDE) Mounting Bracket

Non-sliding Mounting Brackets

167285	Kit, 50 mm Clamp Mount (used with smooth-case side exit or threaded straight exit probes).
167286	Kit, 50 mm Bolt Mount (used only with smooth-case side exit probes).

Verification Kits

Each verification kit comes with:

- a verification kit bracket
- a spindle micrometer with either a 0 to 2 in. or 0 to 50 mm range
- two set screws
- a bracket securing bolt

The material used for the verification kit bracket is T6061-T6 aluminum.

131036-01	Verification Kit, Spindle Micrometer with English Units
131036-02	Verification Kit, Spindle Micrometer with Metric Units

Accessories

173959	3300 XL 50mm User Guide
148722-01	3300 XL Test Plug. The 3300 XL Test Plug has three self-contained test pins attached to three color-coded wires 1 meter in length, each terminated in a banana plug. The three-pin adapter plugs into the test pin holes on 3300 XL-style Proximity Sensors. It is used to check the performance of the Proximity Sensor from the test pin holes in the terminal strip without requiring the removal of the field wiring.

Extended Range Micrometer Kit

The extended range micrometer kit contains a precision micrometer and a 100 mm (4 inch) AISI 4140 target and is intended for acceptance testing of Bently Nevada extended range transducers. Bracket options are available to hold 8mm – 50mm probes as well as the 50 mm Integral DE transducer.

330187-AA-BB

A: Probe options

0 1	8 mm to 50 mm probe threaded or smooth cases
0 3	8 mm to 50 mm probe threaded or smooth cases and an adapter for 50 mm Integral DE probes

B: Micrometer Option

0 1	Standard English 0-2 inch micrometer
0 2	Standard metric 0-50 mm micrometer

Spares

02120015	Bulk field wire. 1.0 mm ² (18 AWG), 3 conductor, twisted, shielded cable with drain wire. Specify length in feet.	03839420	Female Connector Protector. Placed on the probe lead to connect to the male connector protector on the extension cable and provide environmental protection of connectors. Also placed on the extension cable to slide over the Proximity Sensor connection and protect it from the environment.
02173009	Bulk field wire. 1.0 mm ² (18 AWG), 3 conductor, twisted, shielded cable. Specify length in feet.		
138492-01	Replacement panel-mount mounting pad		
138493-01	Replacement DIN-mount mounting pad		
04310310	3300 XL Proximity Sensor Panel-mount Screws. Package includes four 6-32 UNC thread forming mounting screws (Supplied standard with 3300 XL Proximity Housings [3300 XL option]).	330153-10	3300 XL 50 mm Connector Kit. Used on 3300 XL 50 mm probes and extension cables. Contains one male (removable nut) and female ClickLoc connectors, color-coded sleeves and two pieces slit PFA tubing.
03200006	Silicone self-fusing tape. A 9.1 meter (10 yard) roll of silicone tape to protect connectors. It is easy to install and provides excellent electrical isolation and protection from the environment. It is not recommended for use inside the casing of the machine.	163356	Connector Crimp Tool Kit. Includes one set of multi-connector inserts and connector installation instructions. Supplied with carrying case.
40180-02	Connector Protectors. Package contains 10 pairs of connector protectors.	173873	High Temperature Cable Zip-Ties. PEEK cable tie is rated for use up to 200 C continuous temperature. Available in bags of 50 zip ties.
03839410	Male Connector Protector. Placed on the extension cable to connect to the female connector protector on the probe and provide environmental protection of connectors.	174804-01	Side Exit Probe Adapter Kit. Used to adapt side exit probes for the 330187 Extended Range Verification Kit.