40113-02

Connector Protector Kit

Bently Nevada 40113-02 is a connector protector kit for 3300 XL probe and extension-cable ClickLoc connections.

40113-02 configuration dashboard

ClickLoc joint protection

The installed protector reduces connector exposure to liquids, contamination and corrosive environments.

Matched male-and-female interface

Kit components fit the documented 3300 XL probe and extension-cable connection geometry.

Service installation support

Included tools help fit the protectors without twisting or loading the sensing cable.

Exact order-code identity

Accessory type	3300 XL connector protector kit
Compatible connection	3300 XL probe to extension-cable ClickLoc joint
Included function	Environmental protection of mated connectors
Kit scope	Connector protectors and installation tools
Typical system use	3300 XL proximity-probe installations
Installation sequence	Mate clean ClickLoc connectors before fitting protectors
Connector handling	Finger-tight connection; no twisting of the cable
Protection boundary	Does not replace approved cable routing or sealing design

40113-02 is the documented protector kit for 3300 XL probe and extension-cable ClickLoc connections. The kit supplies the environmental protection components and installation tooling used at the mated joint.

Connector Protector Kit technical capability map

Related male protector	03839410	**Related female protector**	03839420
Related protector pair pack	40180-02	**Retrofit adapter reference**	136536-01 for earlier protector-kit compatibility

Installed signal or connection path

3300 XL probe > **ClickLoc joint** > **40113-02** > **Extension cable** > **Matched transducer chain**

System interpretation boundary

Protection is fitted after the clean male and female connectors are fully seated. Cable routing, bend radius, strain relief and process sealing remain separate engineering controls and must not be inferred from the protector alone.

Acceptance includes kit identity, correct male/female orientation, undamaged protector surfaces, complete coverage of the joint and confirmation that the cable remains unloaded and within the approved bend radius.

Application fit decisions for 40113-02

Probe-to-extension joints

Protect the mated ClickLoc interface in compatible 3300 XL transducer systems.

Contaminated machine areas

Reduce connector exposure to liquids and debris after the connection is clean and seated.

Field maintenance replacement

Refit protection after continuity and stable channel response have been confirmed.

Legacy protector adaptation

Review the documented adapter where an earlier protector-kit execution must interface with XL connectors.

Engineering decision matrix

Which connection is protected by 40113-02?	It protects the compatible 3300 XL probe-to-extension cable ClickLoc joint after the male and female connectors are mated.
What is included in 40113-02?	The manufacturer identifies the kit as connector protectors plus the installation tools required for fitting them.
When should 40113-02 be installed?	Clean and mate the ClickLoc connectors first, verify the connection, then fit the protector without twisting the cable.
Does 40113-02 replace process sealing?	No. The kit protects the electrical connector joint; machine-case sealing, conduit and cable-gland requirements remain separate.

Applications must be evaluated against the exact installed machine drawing, target, companion hardware and receiving channel. Related product references do not imply substitution.

40113-02 service controls and maintenance logic

Verify ClickLoc compatibility

Confirm the exact probe and extension-cable connector generation before installation.

Clean before covering

Do not trap oil, moisture or debris inside the protector.

Seat connectors first

Make the finger-tight electrical connection before sliding the protector into position.

Avoid cable twisting

Hold connector bodies and keep torsion away from the probe and extension leads.

Preserve the bend radius

Do not force the protected joint into a bend or unsupported load.

Inspect after installation

Confirm full coverage, mechanical freedom and stable transducer-channel response.

Additional technical questions

How is male-and-female orientation checked for 40113-02?	Match each protector half to the probe and extension-cable connector bodies and confirm full coverage without forcing the parts.
Can 40113-02 be fitted over a contaminated joint?	No. Remove oil, moisture and debris, inspect the contacts and establish the clean electrical connection before covering it.
What cable condition should be checked with 40113-02?	Confirm strain relief, bend radius and connector alignment so the protector is not carrying cable weight or side load.
What is the final acceptance check for 40113-02?	Verify correct kit identity, complete connector coverage, unrestricted cable routing and stable operation of the restored transducer channel.

Technical notes

Exact configuration	3300 XL connector protector kit with protectors and installation tools
Application boundary	For compatible 3300 XL probe and extension-cable ClickLoc joints; not a substitute for approved routing or process sealing
Technical reference	Bently Nevada 3300 XL Transducer Accessories Datasheet 145668 Rev. L

40113-02 source record and supported references

Manufacturer reference	Bently Nevada 3300 XL Transducer Accessories Datasheet 145668 Rev. L
Applicability	Facts are limited to the exact order-code selections and stated matched-system conditions.
Public page	Exact product page linked from the first-page model title
Evidence boundary	No neighboring-model option or unsupported lifecycle conclusion is assigned to this product.

Verified related product references

Recommended product	Bently Nevada 330980-70-05
Recommended product	Bently Nevada 330425-01-00
Recommended product	Bently Nevada 330500-07-00
Recommended product	Bently Nevada 330706-005-046-10-02-00
Recommended product	Bently Nevada 200355-00-00-00

Discuss the exact marking and installed relationship with Apter Power.
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Use the complete marking, installed relationship, photographs and measured baseline as the service record for 40113-02.