

BENTLY NEVADA

40180-02

Technical Reference

Bently Nevada 40180-02 is a package of ten connector-protector pairs for 3300 XL 8 mm probes and extension cables.

FAMILY 3300 XL 8 mm Proximity Transducer System

DOCUMENT Technical Reference

SOURCE 141194 Rev. AN

SYSTEM FLOW

3300 XL 8 mm probe lead

Connector Protector Kit

03839420 female protector

SELECTED RELATED PRODUCTS

01 Bently Nevada 330190-040-00-05 [OPEN](#)

03 Bently Nevada 330880-28-15-04... [OPEN](#)

05 Bently Nevada 146054-010-20-0... [OPEN](#)

02 Bently Nevada 330101-00-70-10... [OPEN](#)

04 Bently Nevada 330180-X1-05 M... [OPEN](#)

06 Bently Nevada 86691-00680-035... [OPEN](#)

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Exact-model identity and parameters

Complete model	40180-02	Female protector	03839420
Manufacturer	Bently Nevada	Female installation point	Probe lead connector
Product family	3300 XL 8 mm Proximity Transducer System	Primary function	Protects disconnected coaxial connectors
Ordering identity	40180-02	Mating function	Male and female protectors mate together
Package content	Ten connector-protector pairs	Service use	Storage and maintenance protection
Compatible family	3300 XL 8 mm probes and extension cables	Connection type	Coaxial connector protection accessory
Male protector	03839410	System scope	3300 XL 8 mm transducer chain
Male installation point	Extension cable connector		

EVIDENCE BOUNDARY

40180-02 protects disconnected connectors only; it does not replace the probe, extension cable or Proximity Sensor and adds no measurement function.

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System role and engineering applications

ROLE 1 Supplies ten matched protector pairs	ROLE 2 Protects probe-lead coaxial connectors
ROLE 3 Protects extension-cable coaxial connectors	ROLE 4 Keeps each male and female protector paired

SIGNAL / SERVICE PATH



Maintenance protection Covers separated probe and extension-cable connectors during service.	Clean storage Reduces contamination risk when transducer components are stored disconnected.
Cable handling Protects connector faces while cables are routed or exchanged.	Protector accountability Keeps the mating protector pair together while the transducer chain is connected.

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Field-work sequence and acceptance controls

01 Verify 40180-02 and count all ten protector pairs on receipt

Verify 40180-02 and count all ten protector pairs on receipt.

02 Place the monitoring channel in the approved maintenance state

Place the monitoring channel in the approved maintenance state.

03 Disconnect coaxial connectors only with power and process risks controlled

Disconnect coaxial connectors only with power and process risks controlled.

04 Inspect protector and connector faces for debris before fitting

Inspect protector and connector faces for debris before fitting.

05 Install 03839410 on the extension cable side

Install 03839410 on the extension cable side.

06 Install 03839420 on the probe lead side

Install 03839420 on the probe lead side.

07 Mate each protector pair together after reconnecting the transducer chain

Mate each protector pair together after reconnecting the transducer chain.

08 Confirm no protector remains on an active signal connection before return to service

Confirm no protector remains on an active signal connection before return to service.

RELATED SERVICE REFERENCES

01	Bently Nevada 330171-00-08-90-01-05	OPEN	02	Bently Nevada 84510-70	OPEN
03	Bently Nevada 330173-00-04-20-12-05	OPEN			

ACCEPTANCE RECORD

Retain the final 40180-02 identity, connection, configuration, diagnostic and controlled-response result.

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Model-specific questions and decisions

1

What is supplied in Bently Nevada 40180-02?

The package contains ten pairs of connector protectors.

2

Which transducer family uses Bently Nevada 40180-02?

It is listed for 3300 XL 8 mm probes and their extension cables.

3

Where is the male protector from Bently Nevada 40180-02 fitted?

Part 03839410 installs on the extension-cable connector.

4

Where is the female protector from Bently Nevada 40180-02 fitted?

Part 03839420 installs on the probe-lead connector.

5

Why do the protectors in Bently Nevada 40180-02 mate together?

Mating keeps the pair clean and accounted for while the transducer chain is connected.

6

Does Bently Nevada 40180-02 alter the measurement signal?

No. It is a maintenance accessory used only on disconnected connector ends.

7

What inspection is needed before using Bently Nevada 40180-02?

Check both the protector and coaxial connector faces for debris, damage and moisture.

8

What final check applies after removing Bently Nevada 40180-02?

Confirm the electrical connection is fully mated and no protector remains in the active signal path.

RELATED MODEL REFERENCES

01 Bently Nevada 330130-030-12-05 [OPEN](#)

02 Bently Nevada 32000-29-05-04-090-07-02 [OPEN](#)

03 Bently Nevada 32000-30-10-00-095-02-02 [OPEN](#)

SOURCE IDENTIFIER

Baker Hughes 3300 XL 8 mm Proximity Transducer System Datasheet | 141194 Rev. AN

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Related products and document navigation

These links are navigation aids to other Apter Power product pages. They are not technical evidence for this product.

01	Bently Nevada 32000-30-05-10-088-07-02	OPEN	02	Bently Nevada 16925-70	OPEN
03	Bently Nevada 330905-00-18-05-02-00	OPEN	04	Bently Nevada 330102-10-40-10-02-00	OPEN
05	Bently Nevada 330102-40-70-10-02-00	OPEN	06	Bently Nevada 330102-20-55-10-02-00	OPEN
07	Bently Nevada 330102-60-96-10-02-00	OPEN	08	Bently Nevada 330102-60-90-10-02-00	OPEN
09	Bently Nevada 330102-30-65-10-02-00	OPEN	10	Bently Nevada 330103-00-05-90-12-00	OPEN
11	Bently Nevada 330104-00-05-90-02-00	OPEN	12	Bently Nevada 330101-00-70-10-02-CN	OPEN

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