

Installation Identity and Scope

Bently Nevada 24710-080-01-00 identifies an armored 8.0 m extension cable configuration for a legacy 7200 Series 11 mm proximity transducer system. The cable is factory trimmed for electrical length and must remain matched to the installed probe and Proximitor.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	24710-080-01-00
Manufacturer	Bently Nevada
Hardware type	7200 Series 11 mm Extension Cable
System family	Industrial automation
Official source	Bently Nevada legacy instruction manual, Figure 1-3, 24710 extension-cable ordering table

CONTROLLED ENGINEERING COPY

The official legacy table decodes catalog configuration 24710-080-01 as 8.00 m electrical length with armor. Preserve the user-supplied final -00 identity without assigning an unsupported meaning, and verify the complete installed transducer chain before replacement.

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24710-080-01-00

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 24710-080-01-00 marking.
2	Confirm the supported 24710-080-01 ordering blocks.
3	Do not cut or alter the factory-trimmed cable.
4	Inspect both connectors for keying, contamination and damage.
5	Support the armor without sharp bending or twisting.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	24710-080-01-00
Physical interface	Exact Bently Nevada 24710-080-01-00 nameplate and installed revision
Companion check	Documented 7200 Series 11 mm Extension Cable system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 136711-02	View Bently Nevada 136711-02
Bently Nevada 138708-01	View Bently Nevada 138708-01
Bently Nevada 139554-01	View Bently Nevada 139554-01
Bently Nevada 140471-02	View Bently Nevada 140471-02
Bently Nevada 140482-01	View Bently Nevada 140482-01

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 24710-080-01-00 and the installed revision exactly.
Complete model	Verify the documented value: 24710-080-01-00.
Documented catalog base	Verify the documented value: 24710 extension cable.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete 7200 Series 11 mm Extension Cable function under a controlled maintenance state.

CONFIGURATION BOUNDARY

The official legacy table decodes catalog configuration 24710-080-01 as 8.00 m electrical length with armor. Preserve the user-supplied final -00 identity without assigning an unsupported meaning, and verify the complete installed transducer chain before replacement.

Expected Technical Values

PARAMETER	VALUE
Complete model	24710-080-01-00
Documented catalog base	24710 extension cable
Compatible family	7200 Series 11 mm proximity transducer system
Electrical length option	080 = 8.00 m

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 143493-00-080-040-50-00	View Bently Nevada 143493-00-080-040-50-00
Bently Nevada 144181-51	View Bently Nevada 144181-51

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 24710-080-01-00 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 24710-080-01-00?	It is a legacy 7200 Series 11 mm proximity-system extension cable whose supported catalog configuration is 24710-080-01.
What length is documented for Bently Nevada 24710-080-01-00?	The 080 option specifies an 8.00 m factory-trimmed electrical length.
Is Bently Nevada 24710-080-01-00 armored?	Yes. Option 01 specifies the armored cable construction.
What cable construction is documented for Bently Nevada 24710-080-01-00?	The legacy figure identifies 95 ohm coaxial cable with FEP-coated armor and factory electrical-length trimming.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 144181-51-05	View Bently Nevada 144181-51-05
Bently Nevada 146054-034-20-02-05	View Bently Nevada 146054-034-20-02-05
Bently Nevada 146054-12-05-01-05	View Bently Nevada 146054-12-05-01-05
Bently Nevada 146054-32-05-01-05	View Bently Nevada 146054-32-05-01-05
Bently Nevada 146054-34-20-02-05	View Bently Nevada 146054-34-20-02-05

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which transducer family uses Bently Nevada 24710-080-01-00?	The official legacy manual identifies 24710 as the extension cable for the 7200 Series 11 mm proximity transducer system.
How should the final -00 in Bently Nevada 24710-080-01-00 be handled?	Retain it as part of the supplied identity; the available legacy 24710 ordering table explicitly decodes the 080 and 01 blocks only.
What route checks apply to Bently Nevada 24710-080-01-00?	Verify connector keying, armor support, bend control, separation from interference and the complete matched system length.
What confirms commissioning of Bently Nevada 24710-080-01-00?	Both connectors, shield continuity, matched electrical length, bias gap and dynamic monitor response must pass the controlled test.

MANUFACTURER SOURCE RECORDS

Bently Nevada 7200 Series 11 mm Proximity Transducer System Instruction Manual - Bently Nevada legacy instruction manual, Figure 1-3, 24710 extension-cable ordering table

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	24710-080-01-00 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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