

24710-080-01-00

7200 Series 11 mm Extension Cable

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 Proximator.

BRAND	Bently Nevada	MODEL	24710-080-01-00
PRODUCT	7200 Series 11 mm Extension Cable	FAMILY	Industrial automation
OFFICIAL SOURCE	Bently Nevada 7200 Series 11 mm Proximity Transducer System Instruction Manual	RECORD	Bently Nevada legacy instruction manual, Figure 1-3, 24710 extension-cable ordering table

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

8.00 m factory-trimmed electrical length

FUNCTION 2

Armored 95 ohm coaxial construction

FUNCTION 3

Male-to-female legacy extension interface

FUNCTION 4

7200 Series 11 mm system compatibility

APPLICATION	ENGINEERING CONTEXT
Legacy probe extension	Extends the approved 7200 Series 11 mm probe connection.
Turbine monitoring	Carries the matched proximity signal between probe and Proximitor.
Cable-route restoration	Preserves the documented electrical length during maintenance.
Obsolete-system support	Maintains a controlled identity for an installed legacy transducer chain.

Technical Data and Acceptance

PARAMETER	VERIFIED 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
Armor option	01 = armored
Cable impedance	95 ohm coaxial cable
Armor construction	FEP-coated armor
Length control	Factory trimmed for electrical length
Physical-length tolerance	Electrical length +15% / -10%, legacy manual
Additional suffix	Final -00 retained from supplied identity; not decoded in the cited legacy table

Acceptance Path

1 IDENTITY

The complete 24710-080-01-00 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete 24710-080-01-00 marking.	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.
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.	What length is documented for Bently Nevada 24710-080-01-00?	The 080 option specifies an 8.00 m factory-trimmed electrical length.
5	Support the armor without sharp bending or twisting.	Is Bently Nevada 24710-080-01-00 armored?	Yes. Option 01 specifies the armored cable construction.
6	Keep the route separated from interference sources.	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.
7	Match probe plus extension length to the installed Proximator.		
8	Verify bias gap and dynamic response before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 146054-36-05-01-05	View Bently Nevada 146054-36-05-01-05
Bently Nevada 146055-10-02-00	View Bently Nevada 146055-10-02-00
Bently Nevada 146056-15-10-02-02-05	View Bently Nevada 146056-15-10-02-02-05
Bently Nevada 146056-38-10-02-02-05	View Bently Nevada 146056-38-10-02-02-05
Bently Nevada 147663-01	View Bently Nevada 147663-01
Bently Nevada 149844-01	View Bently Nevada 149844-01

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 149992-02	View Bently Nevada 149992-02
Bently Nevada 162381-064-028-50-05	View Bently Nevada 162381-064-028-50-05
Bently Nevada 162381-078-027-50-05	View Bently Nevada 162381-078-027-50-05
Bently Nevada 162381-138-040-90-05	View Bently Nevada 162381-138-040-90-05
Bently Nevada 16710-10	View Bently Nevada 16710-10
Bently Nevada 16710-14	View Bently Nevada 16710-14
Bently Nevada 16710-16	View Bently Nevada 16710-16
Bently Nevada 16710-18	View Bently Nevada 16710-18

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