

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 Proximitor.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	24710-080-01-00
Product role	7200 Series 11 mm Extension Cable
System family	Industrial automation
Source record	Bently Nevada legacy instruction manual, Figure 1-3, 24710 extension-cable ordering table

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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Technical Specifications

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

ENGINEERING 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-50	View Bently Nevada 130539-50
Bently Nevada 130539-72	View Bently Nevada 130539-72
Bently Nevada 130539-99	View Bently Nevada 130539-99
Bently Nevada 130732-01	View Bently Nevada 130732-01

System Role and Common Applications

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.

ACCEPTANCE DUTY

Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
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.
6	Keep the route separated from interference sources.
7	Match probe plus extension length to the installed Proximator.
8	Verify bias gap and dynamic response before release.

QUESTION	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 130938-01-10-01	View Bently Nevada 130938-01-10-01
Bently Nevada 133434-01	View Bently Nevada 133434-01
Bently Nevada 133819-01	View Bently Nevada 133819-01
Bently Nevada 133827-01	View Bently Nevada 133827-01
Bently Nevada 134652-01	View Bently Nevada 134652-01

FAQ, Related Products and Official 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.

MODEL	APTER POWER PAGE
Bently Nevada 135137-01	View Bently Nevada 135137-01
Bently Nevada 135473-01	View Bently Nevada 135473-01
Bently Nevada 135613-01	View Bently Nevada 135613-01
Bently Nevada 135613-01-01	View Bently Nevada 135613-01-01
Bently Nevada 135826-01	View Bently Nevada 135826-01
Bently Nevada 136188-01	View Bently Nevada 136188-01
Bently Nevada 136294-01	View Bently Nevada 136294-01
Bently Nevada 136703-01	View Bently Nevada 136703-01
Bently Nevada 136711-01	View Bently Nevada 136711-01

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

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