

EZ1900-003-ADAP-1

Sensor Cable Adapter

Emerson EZ1900-003-ADAP-1 is the non-armored cable adapter for connecting specified PR642x sensor cables to the AMS EZ1000 converter. The order code identifies a 0.35 m adapter intended for the documented PR6424, PR6425 and PR6426 variants.

BRAND	Emerson	ORIGIN	USA
MODEL	EZ1900-003-ADAP-1	PRODUCT	Sensor Cable Adapter
FAMILY	AMS EZ1000 Converter	SOURCE	Emerson MHM-97884, Rev. 2.1, March 2026; converter data sheet, December 2023

MANUFACTURER SOURCE RECORD

AMS EZ1000 Converter for Eddy Current Sensors Operating Manual and Data Sheet
Emerson MHM-97884, Rev. 2.1, March 2026; converter data sheet, December 2023

APTER POWER SALES TEAM

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EZ1900-003-ADAP-1

Product Overview

SYSTEM FUNCTION

Emerson EZ1900-003-ADAP-1 is the non-armored cable adapter for connecting specified PR642x sensor cables to the AMS EZ1000 converter. The order code identifies a 0.35 m adapter intended for the documented PR6424, PR6425 and PR6426 variants.

FUNCTION 1

Adapts selected PR642x cables to an EZ1000 converter

FUNCTION 2

Provides a 0.35 m non-armored connection

FUNCTION 3

Uses a supplied shrink sleeve for insulation

FUNCTION 4

Supports a blue identification sleeve in the documented hazardous setup

TECHNICAL NOTE

Use EZ1900-003-ADAP-1 only with the PR642x suffixes listed in the AMS EZ1000 manual. Insulate the completed connection with the supplied shrink sleeve and add the blue sleeve when the hazardous-location instructions require it.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete order code	EZ1900-003-ADAP-1
Function	PR642x sensor cable adapter
Aarmor	None
Cable length	0.35 m
Supported PR6424	PR6424/0xx-xx0
Supported PR6425	PR6425/010-1x0
Supported PR6426	PR6426/0x0-xx0
Connection insulation	Included shrink sleeve
Hazardous-area marking	Additional blue sleeve when required

ENGINEERING BOUNDARY

Use EZ1900-003-ADAP-1 only with the PR642x suffixes listed in the AMS EZ1000 manual. Insulate the completed connection with the supplied shrink sleeve and add the blue sleeve when the hazardous-location instructions require it.

Acceptance Path

1 IDENTITY

The adapter and connected PR642x suffix are approved.

2 PHYSICAL CONNECTION

Connectors and sleeves are correctly installed.

3 CONFIGURATION

The EZ1000 converter matches the sensor chain.

4 FUNCTIONAL PROOF

Gap, dynamic response and channel alarms pass.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
PR6424 converter migration	Connects an approved PR6424/0xx-xx0 cable to EZ1000.
PR6425 retrofit	Adapts the listed PR6425/010-1x0 construction.
PR6426 measurement upgrade	Interfaces the specified PR6426/0x0-xx0 cable.
Controlled cable-transition repair	Replaces the exact adapter while preserving the documented sensor and converter chain.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
Which sensors are documented for Emerson EZ1900-003-ADAP-1?	The operating manual lists PR6424/0xx-xx0, PR6425/010-1x0 and PR6426/0x0-xx0 configurations.
How long is Emerson EZ1900-003-ADAP-1?	The ordering table specifies a 0.35 m cable adapter.
Is Emerson EZ1900-003-ADAP-1 armored?	No. The exact ADAP-1 order code is the non-armored version.
Why is a shrink sleeve supplied with Emerson EZ1900-003-ADAP-1?	It insulates and secures the completed adapter-to-sensor connection as described in the operating manual.

FAQ, Related Products and Source

QUESTION	ANSWER
When is the blue sleeve used with Emerson EZ1900-003-ADAP-1?	Emerson instructs that the additional blue sleeve be fitted when the applicable hazardous-environment arrangement requires it.
Can Emerson EZ1900-003-ADAP-1 be used with every PR642x probe?	No. Use is restricted to the exact PR6424, PR6425 and PR6426 suffix patterns listed in the official manual.
What must be configured after installing Emerson EZ1900-003-ADAP-1?	Confirm the EZ1000 converter is set for the connected PR642x sensor type and total measurement chain.
How is Emerson EZ1900-003-ADAP-1 accepted in service?	Inspect and sleeve the connection, verify stable gap voltage, move the target through a controlled range and prove polarity, scaling and channel alarm response.

MANUFACTURER SOURCE RECORD

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Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 32000-2 8-05-06-020-07-02	View Bently Nevada 32000-28-05-06-020-07-02
Bently Nevada 32000-2 8-05-08-080-03-02	View Bently Nevada 32000-28-05-08-080-03-02
Bently Nevada 32000-2 8-05-15-080-03-02	View Bently Nevada 32000-28-05-15-080-03-02
Bently Nevada 32000-2 9-05-04-090-07-02	View Bently Nevada 32000-29-05-04-090-07-02
Bently Nevada 32000-2 9-10-00-234-03-02	View Bently Nevada 32000-29-10-00-234-03-02
Bently Nevada 32000-2 9-10-00-338-03-02	View Bently Nevada 32000-29-10-00-338-03-02
Bently Nevada 32000-2 9-10-04-048-03-02	View Bently Nevada 32000-29-10-04-048-03-02
Bently Nevada 32000-2 9-10-04-055-03-02	View Bently Nevada 32000-29-10-04-055-03-02

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