

Installation Identity and Scope

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	EZ1900-003-ADAP-1
Manufacturer	Emerson
Hardware type	Sensor Cable Adapter
System family	AMS EZ1000 Converter
Official source	Emerson MHM-97884, Rev. 2.1, March 2026; converter data sheet, December 2023

CONTROLLED ENGINEERING COPY

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



EZ1900-003-ADAP-1

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Confirm EZ1900-003-ADAP-1 and the full connected PR642x suffix.
2	De-energize the converter and place the channel in maintenance state.
3	Do not use the adapter with a PR642x order code not listed by Emerson.
4	Inspect both mating connectors for bent contacts or contamination.
5	Route the 0.35 m unarmored lead away from abrasion and hot surfaces.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	EZ1900-003-ADAP-1
Physical interface	Approved PR6424, PR6425 or PR6426 sensor cable
Companion check	AMS EZ1000 converter sensor input
Configuration	Shrink sleeve and hazardous-area blue sleeve if required
Functional proof	Static gap and dynamic loop proof test

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Adapter identity	Confirm EZ1900-003-ADAP-1.
Sensor suffix	Compare the full PR642x code with the approved list.
Connectors	Inspect and clean both mating ends.
Routing	Protect the 0.35 m unarmored lead.
Insulation	Install the supplied shrink sleeve.
Hazardous use	Add the blue sleeve when required.
Converter	Select the exact PR642x sensor profile.
Proof	Verify gap, polarity, scaling and alarm response.

CONFIGURATION 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.

Expected Technical Values

PARAMETER	VALUE
Complete order code	EZ1900-003-ADAP-1
Function	PR642x sensor cable adapter
Armor	None
Cable length	0.35 m

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The adapter and connected PR642x suffix are approved.
Physical connection	Connectors and sleeves are correctly installed.
Configuration	The EZ1000 converter matches the sensor chain.
Functional proof	Gap, dynamic response and channel alarms pass.

Technical Questions to Resolve

QUESTION	ENGINEERING 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.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Bently Nevada 31000-28-05-40-040-02-02	View Bently Nevada 31000-28-05-40-040-02-02
Bently Nevada 31000-30-05-15-049-01-02	View Bently Nevada 31000-30-05-15-049-01-02
Bently Nevada 31000-31-05-20-058-00-02	View Bently Nevada 31000-31-05-20-058-00-02
Bently Nevada 31000-31-05-20-080-00-02	View Bently Nevada 31000-31-05-20-080-00-02
Bently Nevada 32000-16-05-04-135-03-02	View Bently Nevada 32000-16-05-04-135-03-02
Bently Nevada 32000-28-05-00-070-03-02	View Bently Nevada 32000-28-05-00-070-03-02
Bently Nevada 32000-28-05-00-120-03-02	View Bently Nevada 32000-28-05-00-120-03-02
Bently Nevada 32000-28-05-05-060-00-02	View Bently Nevada 32000-28-05-05-060-00-02

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	EZ1900-003-ADAP-1 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
APTER POWER SALES TEAM WHATSAPP / PHONE +86 180 3023 5313 EMAIL sales13@apterpower.com WEBSITE www.apterpower.com  EZ1900-003-ADAP-1	