

Emerson - AMS EZ 1000**EZ1900-003-ADAP-1**

0.35 m PR642x-to-AMS EZ 1000 Sensor Adapter

Verified model data

Manufacturer	Emerson
Part number	EZ1900-003-ADAP-1
Product family	AMS EZ 1000
Product type	PR642x-to-AMS EZ 1000 sensor adapter
Compatible converter	AMS EZ 1000 converter
Compatible sensor groups	PR6424/0xx-xx0; PR6425/010-1x0; PR6426/0x0-xx0
Adapter construction	No armor; approximately 0.35 m cable
Official total adapter length	Approximately 365 mm
Converter-side connection	AMS EZ 1000 sensor socket
Probe-side connection	Connector for the documented PR642x groups

Selection summary

Emerson EZ1900-003-ADAP-1 is the required adapter for connecting specified PR6424, PR6425 and PR6426 sensors to an AMS EZ 1000 converter.

The unarmored adapter is approximately 0.35 m long, with the official installation manual showing an overall adapter length of about 365 mm.

Before ordering or fitting it, confirm the complete PR642x suffix, connector condition, converter socket, available cabinet depth, cable strain relief and the planned field calibration.

APTER POWER

Emerson - AMS EZ 1000**EZ1900-003-ADAP-1****Additional verified data****Compatibility**

- Confirm the complete PR6424, PR6425 or PR6426 suffix
- Do not substitute the BN 33010x adapter
- Verify the AMS EZ 1000 converter socket and configuration

Installation

- Provide connector clearance and strain relief
- Keep the unarmored cable away from sharp edges and switching conductors
- Lock both connectors without twisting the cable

Commissioning

- Configure the exact probe family in the converter
- Perform field calibration against the actual target
- Verify bias, scale, direction and monitor alarms

Application checkpoints

- Radial and axial shaft dynamic-displacement measurement with a compatible PR642x probe and AMS EZ 1000
- Shaft position and eccentricity measurement on compatible turbomachinery probe chains
- Speed and key measurement using a supported PR642x probe with an AMS EZ 1000 converter

Evidence boundary: Official evidence gives approximately 365 mm total adapter length but no complete three-axis body dimensions or complete-product net weight. Dimensions and Weight backend fields therefore remain blank.

Source basis: Emerson AMS EZ 1000 Converter operating manual and specifications sheet.