

OFFICIAL MODEL-SPECIFIC GUIDE

# Installation Instructions

**FIO-11 68679079**

ABB drive I/O extensions · analog I/O extension module

## 01 VERIFIED CONFIGURATION

|                  |               |
|------------------|---------------|
| Analog Inputs    | 2             |
| Input Voltage    | -10 to +10 V  |
| Input Current    | -20 to +20 mA |
| Input Resolution | 16 bit        |
| Input Accuracy   | 0.1% FSR      |

## 02 DOCUMENTED INSTALLATION SCOPE

- Isolate all applicable electrical and process energy before work.
- Confirm the exact article number, option slot and connector assignments.
- Follow the official ABB mounting, wiring and commissioning sequence.

### INSTALLATION CHECK

Confirm compatible drive or controller hardware and site procedure before work.

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## Introduction

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### Intended audience

The manual is intended for the people who are responsible for commissioning and using the FIO-11 Analog I/O Extension. The reader is expected to have a basic knowledge of electrical fundamentals, electrical wiring practices and how to operate the drive.

### Before you start

It is assumed that the drive is installed and the drive power supply is switched off before starting the installation of the extension module. Ensure that all dangerous voltages connected from external control circuits to the inputs and outputs of the drive are switched off.

In addition to conventional installation tools, have the drive manuals available during the installation as they contain important information not included in this manual. The drive manuals are referred to at various points of this document.

### What this manual contains

This manual contains information on the wiring, configuration and use of the FIO-11 Analog I/O Extension.

**Safety instructions** are featured in the first few pages of this manual.

**Overview** contains a short description of the FIO-11.

**Installation** contains instructions for hardware settings, mounting and cabling.

**Fault tracing** explains LED indications.

**Technical Data** contains detailed technical information.