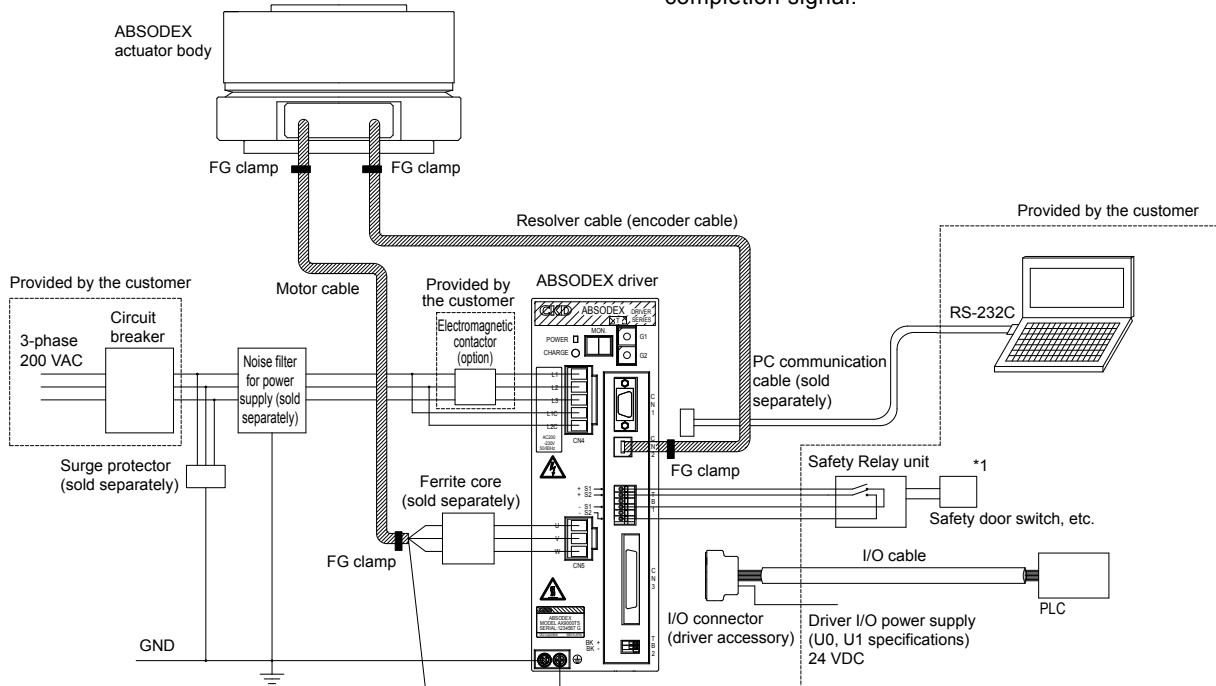


● Basic setting items

1. Input a program from a PC or the dialog terminal.
2. Set necessary parameters in the same way.
3. Set the gain appropriately.

● Basic driving method

1. Select a program to execute from PLC.
2. Supply a start signal from PLC.
3. After indexing is started, the driver outputs a positioning completion signal.



\*1 Safety features (TB1) of AX7000X are not compliant with the certification for safety standards.

To comply with the CE marking, the parts shown below or overcurrent/short circuit protection devices are required. In addition, the driver must be installed within the switchboard. For details on the selection, installation and wiring methods of these devices, refer to the instruction manual or technical data (ABSODEX AX Series TS/TH type or XS type technical data).

Part name	Compatible product(s)	Model No.	Manufacturer
Noise filter	Three-phase/single-phase 200 to 230 VAC	3SUP-EF10-ER-6	Okaya Electric Industries Co., Ltd.
	Single phase 100 to 115 VAC	NF2015A-OD	Soshin Electric Co., Ltd.
Ferrite core	Common	RC5060ZZ	Soshin Electric Co., Ltd.
Surge protector	Common	R/A/V-781BXZ-4	Okaya Electric Industries Co., Ltd.
FG Clamp *2	Common	FGC-5,FGC-8	Kitagawa Industries Co.,Ltd.

\*2) The FG clamp is used for grounding the shield of the motor cable or resolver cable (encoder cable).

\*3) Commercially available from CKD. Refer to the ABSODEX related parts model No. table (page 63).

## Configuration (when selecting the set model No.)

	Name	Quantity
Standard configuration	Actuator body	1
	Driver (with controller)	1
	Motor cable, resolver cable (encoder cable)	1 each

Accessories: I/O connector, connector for power supply, connector for motor cable

Note) For the notes on the connection method, make sure to read the instruction manual (technical data).

Note) For details, refer to the accessories supplied with the driver on page 57 (for AX9000TS/AX9000TH) or page 19 (for AX9000XS).

## Programming tool

- Dialog terminal "AX0180" is available.
  - Start support tool "AX Tools" is available.
- ABSODEX programs are created, parameters set, and operation commands, etc., issued from the PC. The created programs can be saved.
- The PC communication cable (model No.: AX-RS232C-9P) is required.

Note 1) The PC communication cable is designed specifically for ABSODEX. You cannot use a commercially available cable as it is. If you do, the driver or PC may be damaged.

Note 2) Connect the dialog terminal and PC when adjusting only. For normal operation, remove the PC communication cable from CN1.

Note 3) When the PC recovers from the sleep mode, the USB-serial conversion cable may not be recognized, leading to communication errors.

Note 4) Download the latest version of the starting adjustment support tool "AX Tools" from our website.