

AD4410-07 Analog output (4 to 20mA)

When installing option AD4410-07

Current output	4-20mA
Applicable load resistance	0 to 520 Ω
Resolution	Setting difference (An F03 - An F02) X 10, but approx. 40000 at a maximum
Nonlinearity	Within ±0.1%FS
Temperature coefficient	Zero point: Within ±0.01%FS/°C Sensitivity: Within ±0.01%FS/°C

The AD4410-07 analog output is an external output for mass data to the analog input device. The output format is a current output at 4-20mA.

The output data is updated by synchronizing by sampling (100 times per second).

Function (An F)

Function number Setting range	Function name	Setting contents	Default
An F01 1 to 3	Outputting data	Outputting data 1 : The same as the displayed value 2 : Gross 3 : Net	1
An F02 -999999 to 999999	Mass value at 4mA	Mass value for outputting 4mA	0
An F03 -999999 to 999999	Mass value at 20mA	Mass value for outputting 20mA	1000

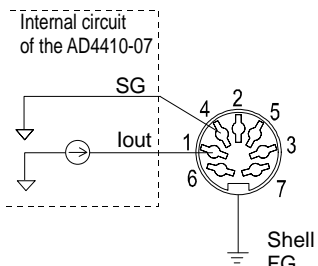
Setting method

Set the mass value for a point to output 4mA to An F02, and set the mass value for a point to output 20mA to An F03. A range of the outputting current is 2 to 22 mA.

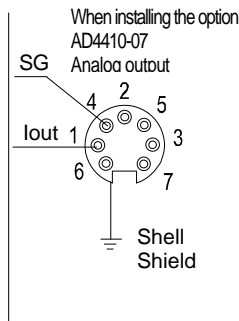
C.L./OP internal circuit

Applicable connector AX-TCP0576-S (Provided)

Soldering part of the connector

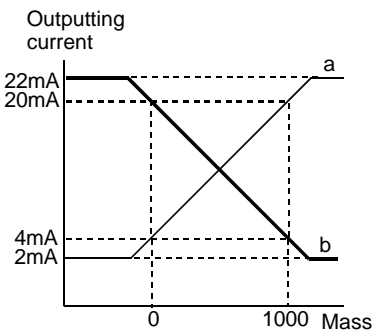


Terminal name means a name at the inside of the AD-4410.



Example of the setting

a —	An F02 = 0	An F03 = 1000
b —	An F02 = 1000	An F03 = 0



The internal circuit of the option (AD4410-07)

Checking the analog output (Chc An)

Analog output can be checked in check mode.

The displayed value is outputted as mA.

Press the Δ V key to change the value by 2mA increments. (0 to 24mA)

Installing the Interface Module for the AD-4410

Option configuration

- AD4410-07 Analog output (4 to 20mA)

Summary

The following items describe how to install the interface module.

Precautions



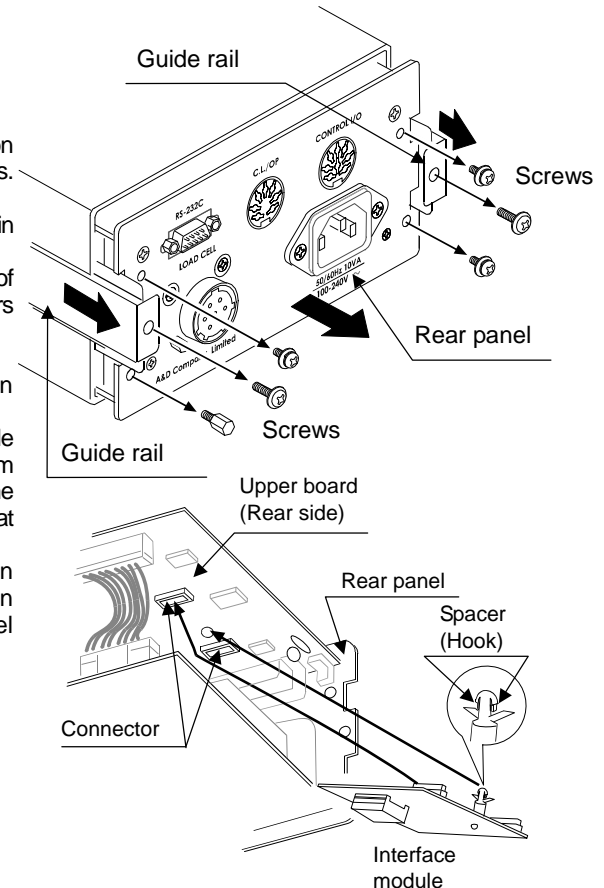
When the AD-4410 is operating, the inside is at high voltage. To avoid electric shocks during installation, first remove the power cable from the AD-4410 and wait for at least one minute. Then begin installation.

Contents of package

Interface module...1 (Spacer attached)

Installation procedure

- Remove only the specified six screws on the rear panel and remove the guide rails. Pull out the rear panel and boards.
- Place the spacer for the interface module in the hole in the upper board. At this time, confirm that the direction of the interface module and the connectors on the upper board are matching.
- Connect the connectors completely. At this time, take care not to apply an excessive force to each board.
- Push the spacer from the interface module side while holding the upper board from the upside and hook the hook of the spacer to the upper board. Confirm that the spacer can't be pulled out.
- After inserting the boards into the main unit, insert the guide rails into the main unit and then attach the rear panel using the six screws.



* When removing the interface module, pull out the interface module while holding the hook of the spacer with a pinch.

* Keep installations and removals of the interface module to a minimum.