AAT141-S00

Yokogawa / FIO thermocouple and millivolt input module

Installation and commissioning checks for Yokogawa AAT141-S00.

01 Identify the installed configuration

Thermocouple measurement depends on correct sensor type, polarity, cold-junction arrangement and the installed terminal. Yokogawa cautions against grounded thermocouples where multiple ground paths would affect measurement. Preserve the exact module marking and configured channel types during replacement.

02 Prepare the change

Record the complete marking, companion hardware and project settings before removing the installed item.

01 Match sensor types

Record each channel thermocouple or mV selection.

02 Protect low-level wiring

Preserve polarity, shielding and separation from power circuits.

03 Review cold junction

Check the installed compensation and terminal arrangement.

03 Fit and configure

04 Avoid ground loops

Evaluate thermocouple grounding against the project design.

05 Preserve calibration

Record input trim and alarm configuration before exchange.

06 Verify each channel

Compare readings with known process or test references after fit.

Source and application boundary

Yokogawa GS 33K50F60-50E, Temperature Input Modules for FIO.

AAT141-S reference data describes the base module. The S2 style, when present, is retained as the offered marking without an assumed electrical difference.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

Yokogawa VI702 S1	Yokogawa ADV551-P03 S2
Yokogawa ADV161-P00 S2	Yokogawa AAT141-S00 S2
Yokogawa AAI143-S00 S1	Yokogawa AAI141-S00 S2

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Send the complete model and installed-system details when requesting a quotation.