

Connection Conversion Shield Cable
(96p -> 37px2 & 15p)
DT-G2E-32



* Specifications, color and design of the products are subject to change without notice.

This product is a cable that connects to CN1 (96-pin 1.27mm pitch connector) of the analog input / output card G series card and converts it to the analog input / output card E series connector.

Adaptation card : AIO-163202UG-PE, AIO-163202G-PE, AIO-123202UG-PE, AIO-123202G-PE

*The contents in this document are subject to change without notice.

*Visit the CONTEC website to check the latest details

*The information in the data sheets is as of June, 2023.

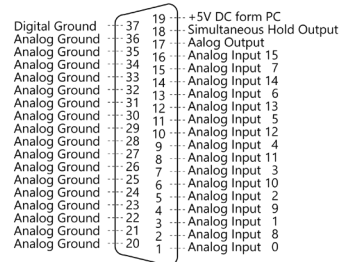
Specifications

Item	Specification
Connector used	96-pin half-pitch, female connector PCR-E96FB [HONDA] or equivalent
	37-pin D-Type, female connector 17JE-13370-02(D1)[DDK] or equivalent x2 Fitting fixed stand: 17L-002C[DDK] or equivalent. Thumb screw: UNC#4-40
	15-pin D-Type, female connector 17JE-13150-02(D1)A or equivalent Thumb screw: UNC#4-40
Cable	25 core shield cable. Conductor size: AWG#28, Conductor composition: 7pcs/0.127mm UL20276
	8 core shield cable. Conductor size: AWG#28, Conductor composition: 7pcs/0.127mm UL20276
Weight	350g
Standard	CE Marking (RoHS Directive), UKCA

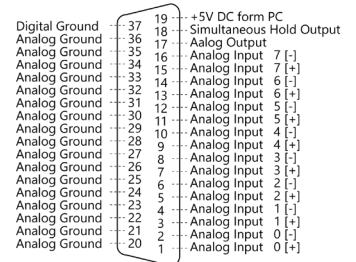
Signal layout for Analog I/O 1 and Analog I/O 2

Analog I/O 1

< Single-ended Input >

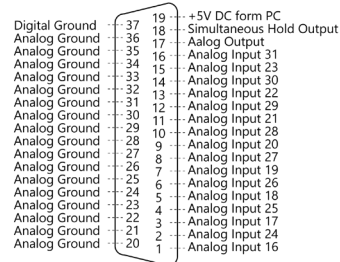


< Differential Input >

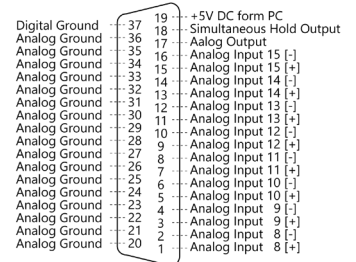


Analog I/O 2

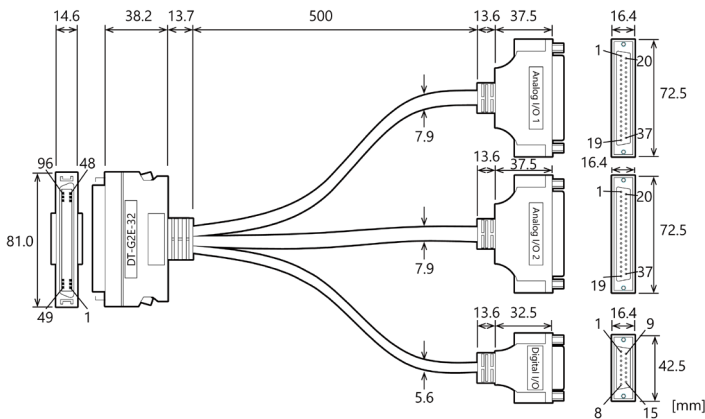
< Single-ended Input >



< Differential Input >

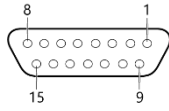


Physical Dimensions



Signal name	Description
Analog Input 0 - Analog Input 31	Analog input signals in single-ended input mode. The numbers correspond to channel numbers.
Analog Input 0[+] - Analog Input 0[+]	Analog input signals in differential input mode. The numbers correspond to channel numbers.
Analog Input 0[-] - Analog Input 15[-]	Analog input signals in differential input mode. The numbers correspond to channel numbers.
Analog Output	Analog output signal
Analog Ground	Common analog ground for analog I/O signals.
Simultaneous Hold Output	Control signal for simultaneous sampling unit ATSS-16A available as an option.
+5V DC from PC	Outputs +5V. The total current-carrying capacity that can be supplied with 5V output of Digital I/O connector is 0.9A.
Digital Ground	Common digital ground for "Simultaneous Hold Output" and "+5V DC from PC".

Signal layout for Digital I/O



Pin Number	Signal name	Pin Number	Signal name
1	Digital Output 0	9	Digital Output 1
2	Digital Output 2	10	Digital Output 3
3	Digital Ground	11	Digital Input 0
4	Digital Input 1	12	Digital Input 2
5	Digital Input 3	13	External Start Trigger Input
6	External Stop Trigger Input	14	External Sampling Clock Input
7	Sampling Clock Output	15	Digital Ground
8	+5V DC from PC		

Signal name	Description
Digital Input 0 - Digital Input 3	Digital input signal.
Digital Out0 - Digital Output 3	Digital output signal.
External Start Trigger Input	External trigger input signal for sampling start conditions.
External Stop Trigger Input	External trigger input signal for sampling stop conditions.
External Sampling Clock Input	External sampling clock input signal.
Sampling Clock Output	Sampling clock input signal.
+5V DC from PC	Outputs +5V. The total current-carrying capacity that can be supplied with 5V output of Analog I/O connector is 0.9A
Digital Ground	Common digital ground for each signal and "+5V DC from PC".