

General Specifications

Cables (for FIO)

CENTUM
CS 3000 R3

GS 33Q06R10-31E

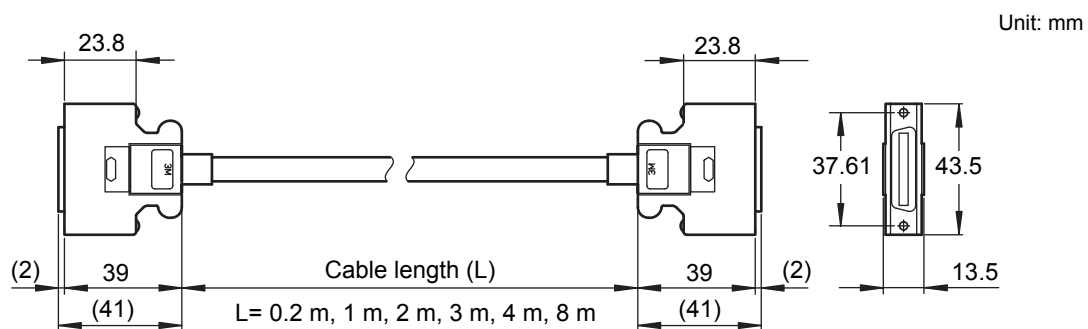
■ GENERAL

This General Specification (GS) covers the specifications of cables used in Fieldnetwork I/O (FIO) system of CENTUM CS 3000.

■ EXTERNAL DIMENSION

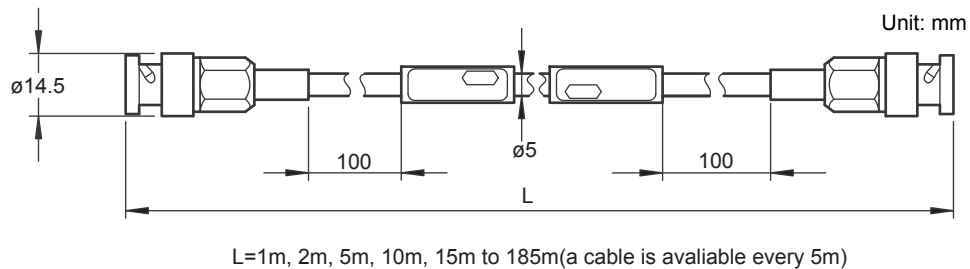
● Cables

YCB301



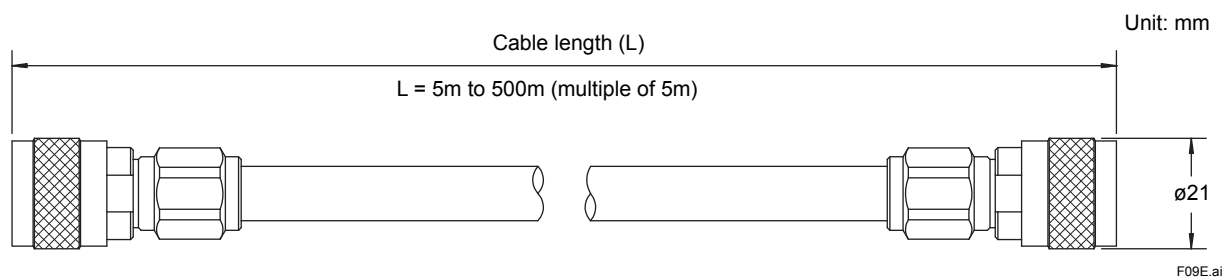
F07E.ai

YCB141

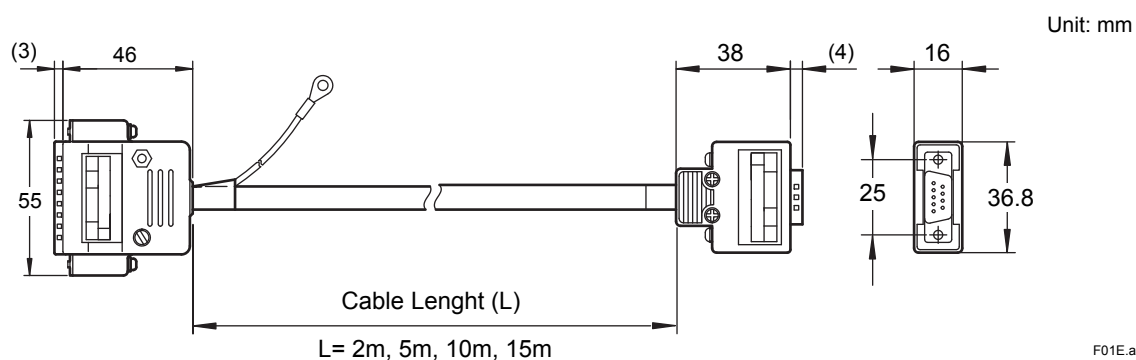


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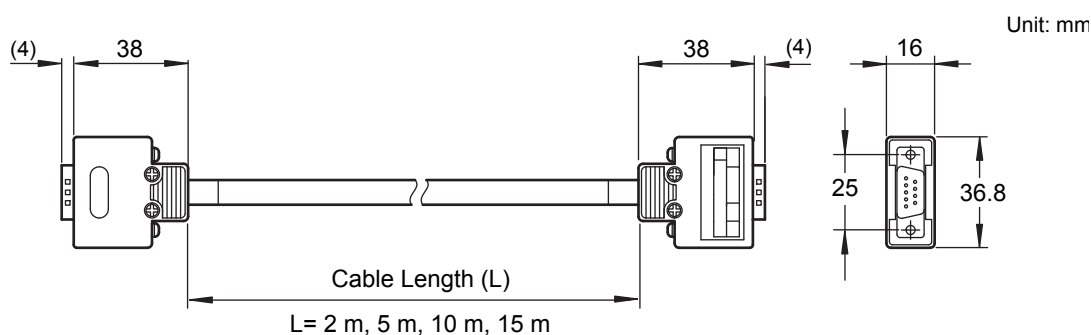
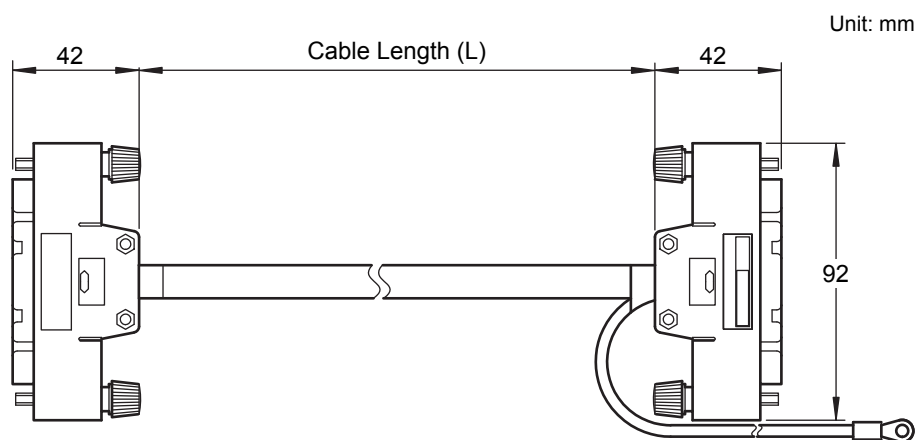
YCB311



F09E.ai

AKB131, AKB132, AKB135, AKB136

Note: FG cable is supplied for the connector, which AKB131 or AKB132 is connected.

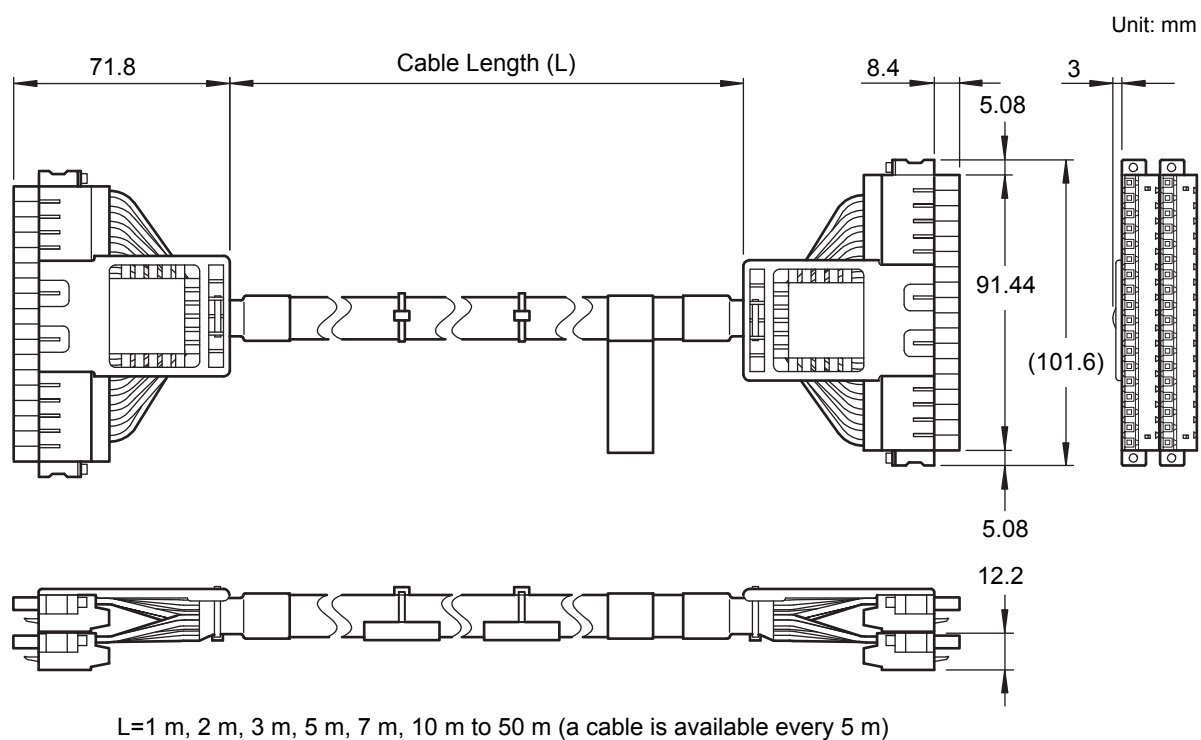
AKB133, AKB134**AKB331, AKB335**

AKB331: L=1 m, 2 m, 3 m, 5 m, 7 m, 10 m to 50 m (a cable is available every 5 m)

AKB335: L=2 m, 5 m

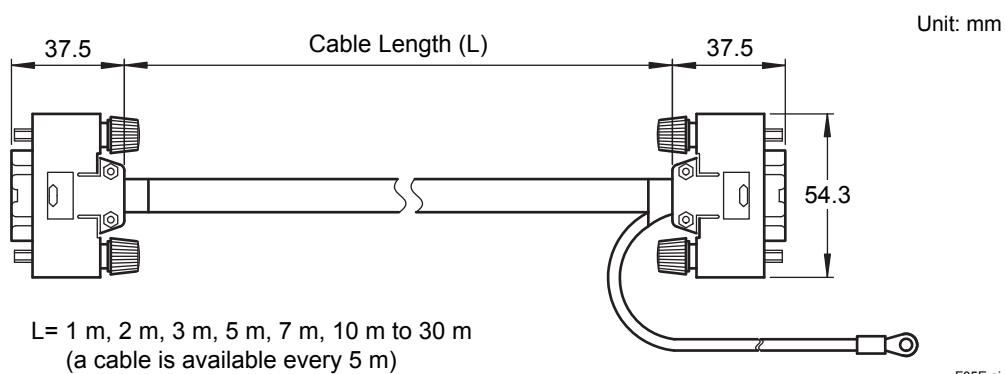
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AKB332, AKB333, AKB334



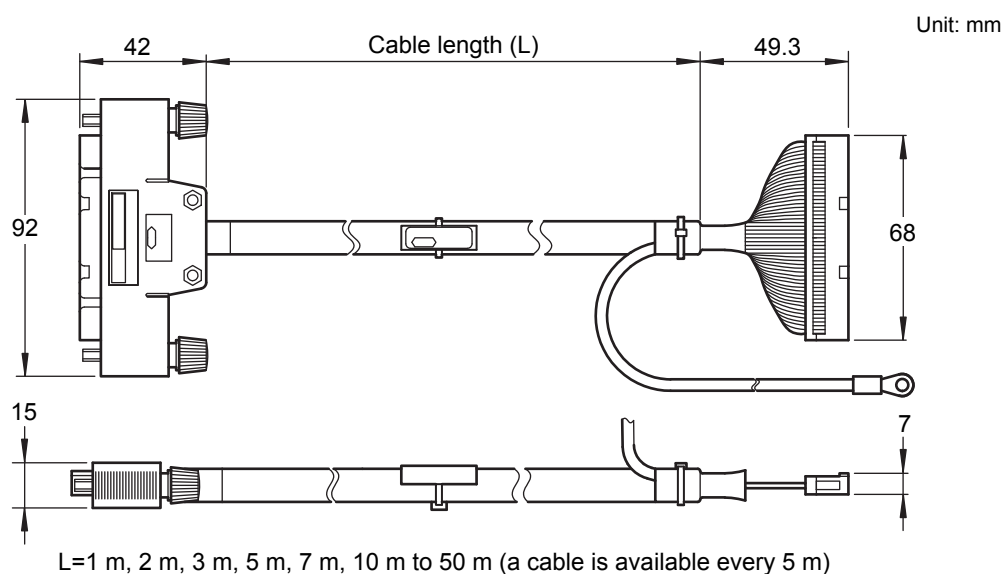
F04E.ai

AKB336



F05E.ai

AKB337



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MODELS AND SUFFIX CODES

ESB Bus Cable

		Description
Model	YCB301	ESB Bus Cable
Suffix Codes	-C020	Cable length 20 cm
	-C100	Cable length 1 m
	-C200	Cable length 2 m
	-C300	Cable length 3 m
	-C400	Cable length 4 m
	-C800	Cable length 8 m

ER Bus Extension Cable

		Description
Model	YCB311	ER Bus Extension Cable
Suffix Codes	-M□□□	Enter Cable length in □□□ every 5 m. Max. length 500 m (up to -M500)
Option Code	/NL	Supports CSA Non-Incendive instrumentation

Note: Use under the temperature environment (-20 to 70°C).

ER Bus Cable

		Description
Model	YCB141	ER Bus Cable (10BASE-2 Cable)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M□□□	Enter cable length in □□□ every 5 m. Max. length 185 m (up to -M185)
Option Code	/NL	Supports CSA Non-Incendive instrumentation

Note: Use under the temperature environment (-20 to 70°C).

ER Bus Converter Unit

		Description
Model	YCB149	ER Bus Converter Unit

ER Bus Adapter

		Description
Model	YCB147	ER Bus Adapter
Suffix Codes	-5	2 connector type with no explosion protection
	-6	4 connector type with no explosion protection
	-E	2 connector type with explosion protection
	-F	4 connector type with explosion protection
Option Code	/BR	General-purpose 19-inch Rack Mountable Type

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and Modem)

		Description
Model	AKB131	For Connecting RS Circuit Isolated Devices RS-232C Modem Cable 9 - 25pins (for Connection between ALR111 and Modem)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and RS-232C Device)

		Description
Model	AKB132	For Connecting RS Circuit Isolated Devices RS-232C Null Modem Cable 9 - 25pins (for Connection between ALR111 and RS-232C Device)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and FA-M3)

		Description
Model	AKB133	RS-232C Null Modem Cable 9 - 9 pins (male) (for Connection between ALR111 and FA-M3)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and RS-232C Device)

		Description
Model	AKB134	RS-232C Null Modem Cable 9 - 9 pins (female) (for Connection between ALR111 and RS-232C Device)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and Modem)

		Description
Model	AKB135	RS-232C Modem Cable 9 - 25pins (for Connection between ALR111 and Modem)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

RS-232C Cable for Start-Stop Synchronized Communication (for Connection between ALR111 and RS-232C Device)

		Description
Model	AKB136	RS-232C Null Modem Cable 9 - 25pins (for Connection between ALR111 and RS-232C Device)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m

Note: Use under the temperature environment (0 to 50°C).

Signal Cable

		Description
Mode	AKB331	Signal Cable (50 - 50pins) (for Connection between ADV151 or ADV551 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
	-M035	Cable length 35 m
	-M040	Cable length 40 m
	-M045	Cable length 45 m
	-M050	Cable length 50 m
Option Code	/NL	Supports CSA Non-Incendive instru- mentation

Note: Use under the temperature environment
(-20 to 70°C).

		Description
Mode	AKB332	Signal Cable (40 - 40pins, withstand- ing voltage: 2300V AC) (for Connection between ADV141 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
	-M035	Cable length 35 m
	-M040	Cable length 40 m
	-M045	Cable length 45 m
	-M050	Cable length 50 m
Option Code	/NL	Supports CSA Non-Incendive instru- mentation

Note: Use under the temperature environment
(-20 to 70°C).

		Description
Mode	AKB333	Signal Cable (40 - 40pins, withstand- ing voltage: 2300V AC) (for Connection between ADV142 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
	-M035	Cable length 35 m
	-M040	Cable length 40 m
	-M045	Cable length 45 m
	-M050	Cable length 50 m

Note: Use under the temperature environment
(-20 to 70°C).

		Description
Mode	AKB334	Signal Cable (40 - 40pins, withstand- ing voltage: 2300V AC) (for Connection between ADR541 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
	-M035	Cable length 35 m
	-M040	Cable length 40 m
	-M045	Cable length 45 m
	-M050	Cable length 50 m
Option Code	/NL	Supports CSA Non-Incendive instru- mentation

Note: Use under the temperature environment
(-20 to 70°C).

		Description
Mode	AKB335	Signal Cable (for Connection between AAR145 and Terminal Board)
Suffix Codes	-M002	Cable length 2 m
	-M005	Cable length 5 m
Option Code	/NL	Supports CSA Non-Incendive instrumentation

Note: Use under the temperature environment (-20 to 70°C).

		Description
Mode	AKB336	Signal Cable (20 - 20pins) (for Connection between ALF111 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
Option Code	/NL	Supports CSA Non-Incendive instrumentation

Note: Use under the temperature environment (-20 to 70°C).

		Description
Mode	AKB337	Signal Cable (for Connection between ADV161 or ADV561 and Terminal Board)
Suffix Codes	-M001	Cable length 1 m
	-M002	Cable length 2 m
	-M003	Cable length 3 m
	-M005	Cable length 5 m
	-M007	Cable length 7 m
	-M010	Cable length 10 m
	-M015	Cable length 15 m
	-M020	Cable length 20 m
	-M025	Cable length 25 m
	-M030	Cable length 30 m
	-M035	Cable length 35 m
	-M040	Cable length 40 m
	-M045	Cable length 45 m
	-M050	Cable length 50 m
Option Code	/NL	Supports CSA Non-Incendive instrumentation

Note: Use under the temperature environment (-20 to 70°C).

■ ORDERING INFORMATION

Specify model and suffix codes.

■ TRADEMARK

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