

Megatorque Motor™

Driver Model EGC / Converter Model ECC

Supports EtherCAT, the industrial Ethernet standard for superior real-time performance.

Achieves integrated control and high-speed synchronous operation for multiple motors.

New
Product

EtherCAT®



■ Features

- Supports EtherCAT, achieving integrated control and high-speed synchronous operation for multiple motors.
- Improved angular resolution from 2.62 million to 4.19 million divisions per revolution.
- Planned to support for 11 existing Megatorque Motor products (supported motors will be added progressively).

■ Main Applications

- Compatible for a wide range of applications, including semiconductor manufacturing and electronic component inspection equipment.
- By integrating this product, the Megatorque Motor is EtherCAT compatible.

Cable

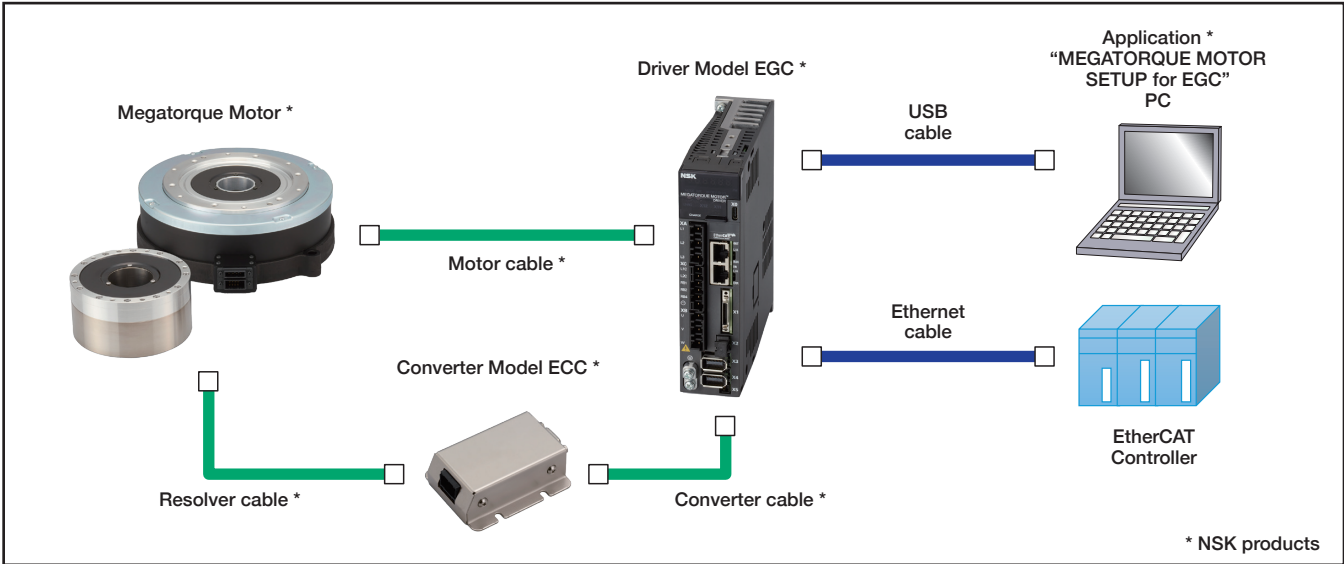
Item			Part number
Motor cable	2 [m]	Stational	M-CA002C101
	4 [m]	Stational	M-CA004C101
		Flexible	M-CA004C102
	8 [m]	Stational	M-CA008C101
		Flexible	M-CA008C102
Resolver cable	0.5 [m]	Stational	M-CB000C101
	2 [m]	Stational	M-CB002C101
	4 [m]	Stational	M-CB004C101
		Flexible	M-CB004C102
	8 [m]	Stational	M-CB008C101
		Flexible	M-CB008C102
Converter cable	0.5 [m]	Stational	M-CC000A101
	2 [m]	Stational	M-CC002A101
	4 [m]	Stational	M-CC004A101
		Flexible	M-CC004A102
	8 [m]	Stational	M-CC008A101
		Flexible	M-CC008A102

Option

Item	Part number
Connector (Main power)	M-FAE0016
Connector (Control power)	M-FAE0017
Connector (Control I/O)	M-FAE0018
Mounting bracket (for 20[A] driver)	M-FAE0019
Mounting bracket (for 50[A] driver)	M-FAE0020
Connector set *7	M-FAE0021
Regenerative resistor (80W)	M-FAE0004
Regenerative resistor (220W)	M-FAE0005

*7 M-FAE0016 Connector (Main Power),
M-FAE0017 Connector (Control Power),
M-FAE0018 Connector (Control IO) set.
· The Driver Model EGC includes the M-FAE0021 Connector Set.

Example of System Configuration



Driver Model EGC parameters can be changed, read and saved without using EtherCAT via the MEGATORQUE MOTOR SETUP for EGC.

Combination example

Motor	Converter	Driver	Motor cable	Resolver cable	Converter cable
M-PS3015KN002	M-ECC-PS3015GCB01	M-EGC-20ABE01	M-CA004C101 (4m)	M-CB004C101 (4m)	M-CC000A101 (0.5m)
M-PN4135KN001	M-ECC-PN4135GCB01	M-EGC-50ABE01			

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