

# OMRON Corporation

## OMNUC G5 Series AC Servo Drivers

### R88D-KN□-ML2

### Features

Preeminent Servo performance: High-speed response, High-speed rotation, and High-accuracy control. Contribute to machine performance and productivity improvement.

- Industry Top-class Tracking Performance.
  - Speed Response Frequency of 2 kHz.
  - Realtime Autotuning Function shortens the stabilization time in lowrigidity systems as well as high-rigidity systems.
- Offer solution for a wide variety of applications.
  - Comes with IEC61800-5-2 (STO) function as a standard function.
  - External encoder I/F for full-closing control



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### Specifications

Item		Specifications	
MECHATROLINK communications	Protocol	MECHATROLINK-II	
	Node address setting	41 to 5F hex	
Command method	Operation specifications	Position, speed, or torque control via MECHATROLINK-II communications	
	Command inputs	MECHATROLINK-II commands	
Position control functions	Acceleration/deceleration functions	First step asymmetric linear acceleration/deceleration, moving average acceleration/deceleration	
I/O signals	Sequence inputs	Signal allocation can be changed	
	Fixed outputs	Alarms	
	Sequence outputs	Signal allocation can be changed	
Other specifications	Analog monitor function	Output voltage: +/-10VDC Built-in analog monitor connector to monitor speed, torque, or other command signals	
	Communications	Connected device	Personal computer
		Functions	Status display, user constant settings, monitor display, alarm traceback display, and jogging

### MECHATROLINK specifications

		M-I	M-II	
		17-byte	17-byte	32-byte
Command	Servo	-	-	×
Transmission cycle				1ms to 4ms

### Contact Information

OMRON Corporation Drive Div.	Shiokoji Horikawa, Shimogyo-ku, Kyoto, 600-8530 Japan	TEL : +81-75-344-7233	FAX : +81-75-344-7107
Regional H.Q. OMRON EUROPE B.V.	Wegalaan 67-69, NL-2132 JD Hoofddorf, The Netherlands	TEL : +31-2356-81-300	FAX : +31-2356-81-388
OMRON ELECTRONICS LLC	1 East Commerce Drive Schaumburg, IL 60173 U.S.A	TEL : +1-847-843-7900	FAX : +1-847-843-8568
OMRON ASIA PACIFIC PTE. LTD.	83 Clemenceau Avenue, #11-01, UE Square, Singapore 239920	TEL : +65-6835-3011	FAX : +65-6835-2711
OMRON (CHINA) CO., LTD.	Room 2211, Bank of China Tower, 200 Yin Cheng Zhong Road, PuDong New Area, Shanghai, 200120 China	TEL : +86-21-5037-2222	FAX : +86-21-5037-2200
URL : <a href="http://www.omron.com/">http://www.omron.com/</a>			