

# 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
	Sequence outputs	Signal allocation can be changed
Other specifications	Fixed outputs	Alarms
	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

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