YASKAWA

Analog Output Function Corresponding to Speed

KEY BENEFITS

- Teaching effort is reduced
- Output possibilities: Analog (additional analog output extension board required) and/or digital 16-bit signal
- By using a filter process, the output signal can be close to the manipulator's actual speed

OVERVIEW

As the speed of the manipulator fluctuates, the value of an analog signal is instantly changed to reflect this change in speed. This is useful for applications where the output of the process (ie. painting, dispensing, MIG welding) is dependent on robot travel speed.

The ARATION instruction is used to set the relationship between the robot's operating speed to the analog voltage.

The ARATIOF instruction fixes the analog voltage to the last measured value, so the analog voltage no longer changes if robot operating speed is changed.

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