The supported positioning unit RTEX can control Panasonic AC Servo Motors.

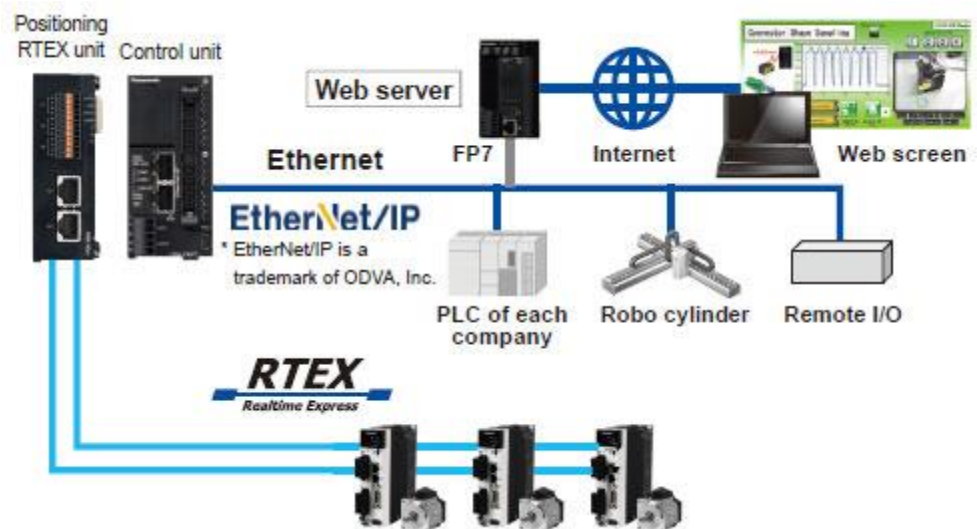NEW Positioning RTEX units AFP0HM4N(4-axis type) / AFP0HM8N(8-axis type)

Capable of performing motion control through a high-speed network and supporting an open network with a small PLC

Support of network servo drivers MINAS A5N/A6N signifi cantly reduces the man-hours in wiring.
A maximum of 16 axes. Up to two 8-axis units can be installed.
* Synchronous control
4-axis type:
Up to six axes including virtual axes (virtual axis: 2 axes)
8-axis type:
Up to eight axes including virtual axes
Full suite of motion functions
[Multi-axis synchronous control]

Electronic gear
The electronic gear function changes the master axis and slave axis speed ratio.
Electronic clutch
The electronic clutch function is used to engage the clutch.
Electronic cam
The electronic cam function determines and outputs the movement amount of the slave axis according to the operation of the master axis and cam pattern.
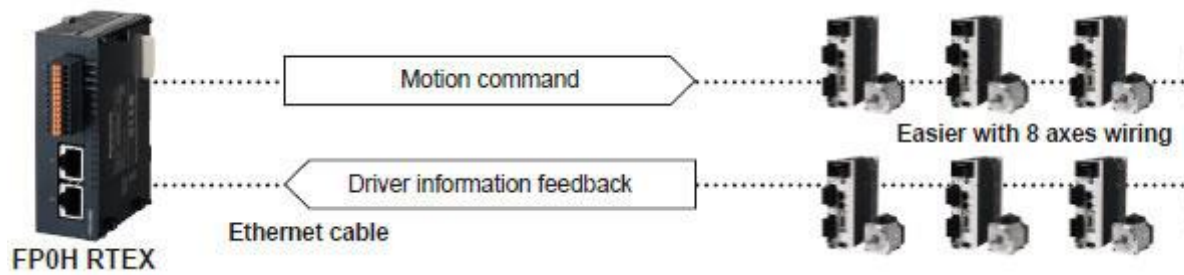
[Interpolation control]

- 2-axis and 3-axis linear interpolation controls
- 2-axis circular interpolation control
- 3-axis spiral interpolation control
  [Pulser input function]
  By connecting pulsers, operations on each axis can be controlled manually.
- Number of channel: Max. 3 channels
- Counting area: -2,147,483,648 to 2,147,483,647 pulses
- Input mode: Phase input, Direction discrimination input and Individual input
  (Multiplier function for each mode)
  [RTEX communication]
  Command update cycle: 1 ms / 8 axes
  Check the MINAS data on Web sever

Basic information
Monitor position, speed, torque, driver part No., motor part No.
Error information
Error code
Error history
Status display
Servo drive inside temperature
Encoder inside temperature
Deterioration diagnosis

Features of RTEX (Realtime Express)
Simpler wiring: cuts labor time for design and installation.

High speed network and high performance servo bring synchronous control

FP0H RTEX

Position (interpolation): Helical control	
Synchronization: Gantry / Cam control	
Command update period 1 ms / 8 axes	

RTEX
Realtime Express

Ethernet base
CAT5e cable
Highly immune to noise

MINAS A6N

Frequency response: 3.2 kHz
Maximum speed: 6,500 r/min
Max. pulse frequency: 4 Gpps, Resoluti

Easily configure parameters and positioning actions

Capable of easily configure parameters and positioning actions by activating Configurator PM7-RTEX from Control FPWIN Pro7.

* For Configurator PM7-RTEX, supported from Control FPWIN Pro7 Ver.7.3.0.0 or later / Control FPWIN GR7 Ver.2.26.0 or later.