IKO

Nano Linear NT Series

New

Panasonic MINAS A6L Servo driver Now supported

Through a partnership with Panasonic Corporation,
IKO Nano Linear NT Series are now able to connect with the MINAS A6L Servo driver.
The MINAS A6L Servo driver offers high performance and controllability. Combined with the high speed, high response, highly accurate positioning and small size of Nano Linear NT results in improved production efficiency.

Wide variety of Nano Linear NT Response Drivers Available

The Nano Linear NT supports various manufacturer servo drivers and command types.
You can choose from optimum drivers for customer control systems.

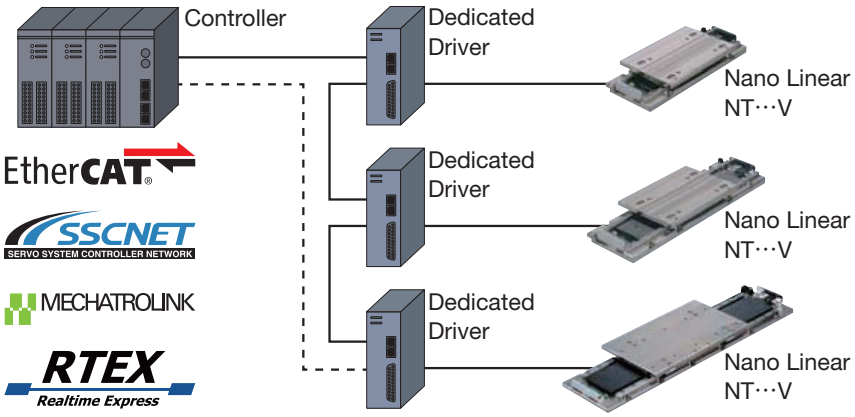
Manufacturer	Driver Series Name	Command type	Nano Linear NT Models					
			NT38V	NT55V	NT80V	NT88H	NT80XZ	NT90XZH
Additional Panasonic Corporation	MINAS A6L	Pulse Train/Analog	–	◇(1)	◇(1)	◇(2)	◇(2)	◇(2)
		RTEX	–	◇(1)	◇(1)	◇(2)	◇(2)	◇(2)
		EtherCAT	–	◇(1)	◇(1)	◇(2)	◇(2)	◇(2)
Hitachi Industrial Equipment Systems Co., Ltd.	ADVA	Pulse Train/Analog	–	●	●	●	●	●
		EtherCAT	–	●(1)	●(1)	●(2)	●(2)	●(2)
Mitsubishi Electric Corporation	MR-J4	Pulse Train/Analog	●	◇(1)	◇(1)	◇(2)	–	–
		SSCNETIII/H	–	●(1)	●(1)	◇(2)	–	–
CKD Nikki Denso Co., Ltd.	VCII	Pulse Train	–	–	–	●	–	–
YASKAWA ELECTRIC CORPORATION	Σ-7	Pulse Train/Analog	–	◇(1)	◇(1)	–	◇(2)	◇(2)
		MECHATROLINK-III	–	◇(1)	◇(1)	–	◇(2)	◇(2)

Note (1) We recommend combination with sensor specifications. For non-sensor specifications, confirm the return to origin action of higher-level controller devices, or use an external sensor, etc., to enable a return to origin situation.
Note (2) Confirm the return to origin action of higher-level controller devices, or use an external sensor, etc., to enable a return to origin situation.
Remark ◇ is individually corresponding. If needed, please contact IKO.

NIPPON THOMPSON CO., LTD.

Motion Network Support

Nano Linear NT supports various motion networks.
Now with the MINAS A6L Servo driver, RTEX control is also available.
By selecting a driver to match the customer device network, you can easily build highly reliable control networks.



Models	Features
EtherCAT	This is an Ethernet-based open network communication system developed by Beckhoff of Germany, allowing real time control. High speed communication and high accuracy inter-node synchronization provide higher performance and higher accuracy of devices. EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.
SSCNET III/H	This is a motion network communication system for servo system control developed by Mitsubishi Electric Corporation. It applies the optical fiber cables, so noise immunity is improved relative to conventional SSCNET. SSCNET is a registered trademark of Mitsubishi Electric Corporation.
MECHATROLINK	The open field network communication that connects the controller and various components. Developed by Yaskawa Electric Corporation and managed by MECHATROLINK Members Association. MECHATROLINK is a registered trademark of Yaskawa Electric Corporation.
NEW **RTEX**	Realtime Express (RTEX) is a high-speed synchronization motion network independently developed by Panasonic Corporation. Realtime Express and RTEX are registered trademarks of Panasonic Corporation.

NT Series support Panasonic Corporation MINAS A6L Servo Driver Parts No. List

Main Power Supply Voltage	Command type	Individual Specifications	MINAS A6L Servo Driver Parts No.
Single-phase / Three-phase 200V	Pulse Train/Analog	Position Control Type	MADLN05SL
		Multifunction Type	MADLT05SM
	RTEX	Standard Type	MADLN05NL
		Multifunction Type	MADLT05NM
	EtherCAT	Standard Type	MADLN05BL
		Multifunction Type	MADLT05BM
Single-phase 100 V	Pulse Train/Analog	Position Control Type	MADLN01SL
		Multifunction Type	MADLT01SM
	RTEX	Standard Type	MADLN01NL
		Multifunction Type	MADLT01NM
	EtherCAT	Standard Type	MADLN01BL
		Multifunction Type	MADLT01BM

<Precautions>
1. The Nano Linear NT drive requires a motor parameter setting in MINAS A6L.
2. For the Nano Linear NT Series motor parameters, please download from the IKO Technical Service Site.
   Technical Service Site: https://ikowb01.ikont.co.jp/technicalservice/ikom0000.php
3. For the parameter setting software “PANATERM”, please download from the Panasonic Corporation Web Site. For access, you will need a Web member registration (free of charge).
   (https://www3.panasonic.biz/ac/j/motor/fa-motor/ac-servo/panaterm/)
4. For the motor parameter settings, first carefully confirm the Nano Linear NT model, and then proceed.

IKO Mechatronics Site
https://www.me-iko.com/mecha-tool/index_en.php

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Oil Minimum IKO Gentle to The Earth

ISO 9001 Certified ISO 14001 Certified
ISO 9001 & 14001 Quality system registration certificate

https://www.ikont.co.jp/eg/

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