

Type: **JUSP-NS500**



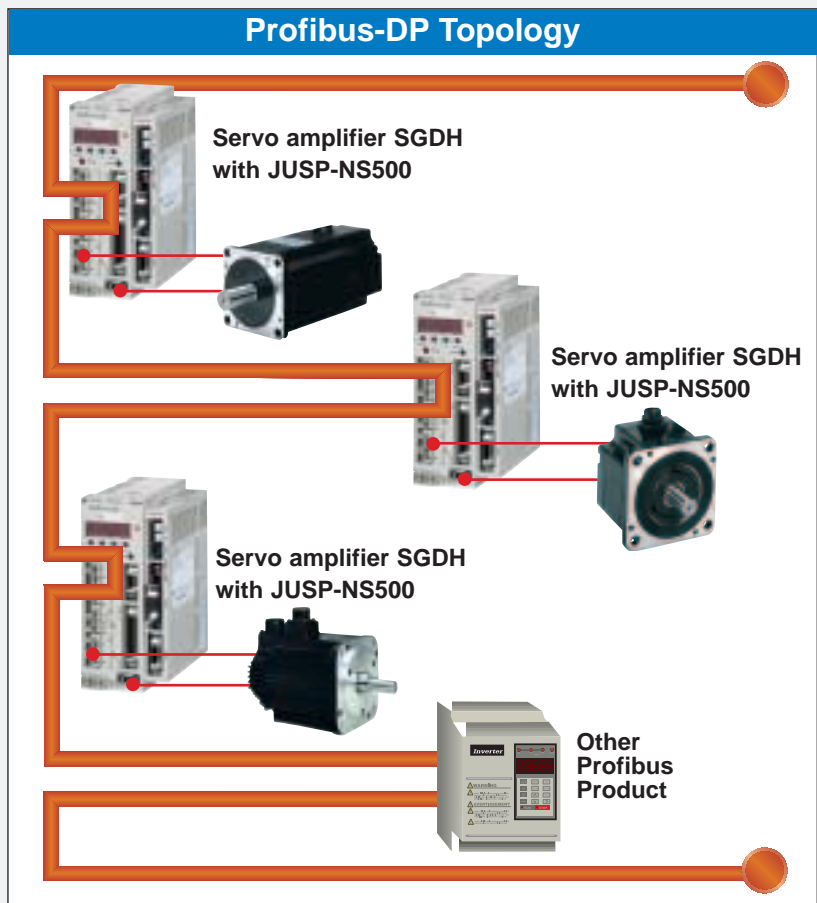
Fieldbus Interfacing and Functionality Upgrading for Yaskawa's High Performance Sigma II Series



- Easy integration into the world of Profibus
- Simplifies the control system by decentralization
- Control System Simplification:
 - reduction in wiring
 - lower capital/running cost
- Ease of Use:
 - just snap NS500 option board onto high performance Sigma II Servo Amplifier
- Various Motion Control Functions:
 - 4 types of homing
 - point-to-point positioning
 - 16-stage speed/position block
 - station number input (indexing positioning)
 - external positioning (registration)
 - point table positioning – Example:

Point No.	Position	Speed
1	7	70 min ⁻¹
•		
•		
•		
50	12	800 min ⁻¹

- Edit up to 50 positions and corresponding speeds to NS500's set of parameters via Profibus communication or via RS232 Setup Tool PC Program
- Profibus master commands the target



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Applicable Servo Amplifier: Sigma II Series SGDH

Profibus-DP communication:	<ul style="list-style-type: none">— wiring according to EN50170— transmission speeds from 9600bps to 12Mbps— 64-point input/64-point output general purpose I/O profile
RS232C communication:	<ul style="list-style-type: none">— Setup Tool for PC
Motion Control Functions:	<ul style="list-style-type: none">— 4 types of homing— 4 types of acceleration/deceleration— point-to-point positioning— 16-stage speed/position block— station number input (indexing positioning)— external positioning (registration)— point table positioning (50 speed/position points)— stepping positioning— feeding function
I/O:	<ul style="list-style-type: none">— P-OT, N-OT (overtravel limit switch)— DEC (homing limit switch)— EXT (external latch input)— ESTOP (emergency stop input)— PA, PB, PC (external encoder input)— ALM (3 digit alarm code output)— BK (brake signal output)— COIN (in position output)— NEAR (near position output)— NOTCH (2 notch signal output)
Applications:	<ul style="list-style-type: none">— Semiconductor— Assembly— Food & Packaging— Paper Production— Printing— Textile— Material Handling— Pick & Place— Machine Tool

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