

# Sigma-5

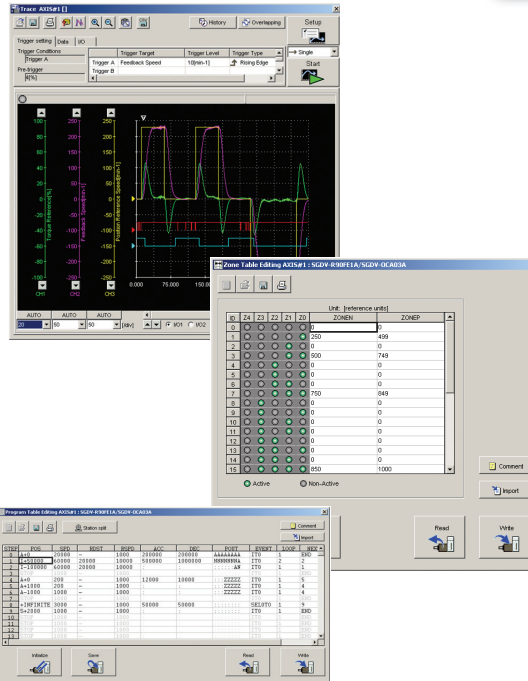
## Functional Indexer Options

### The Sigma-5 SERVOPACK with Indexer Option

provides point-to-point positioning without complex programming. This plug-and-play system allows you to develop a high performance application solution with minimal effort.

#### Simple

- The configuration tool SigmaWin+ provides a wizard that will interact with you in a dialog format to help you setup and change the settings for your application.
- Table editing (Program table, Zone table, and JOG speed table) and parameter editing for ease of use.
- Status monitoring and a trace display enable best diagnosis.



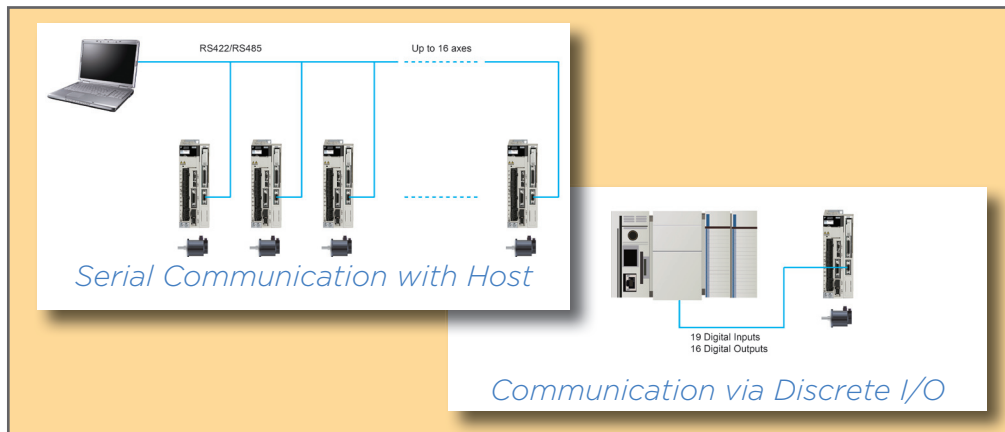
#### Flexible

- Wide range of functions such as point to point positioning, registration, homing, jogging, backlash compensation, programmable outputs.
- Up to 256 positioning points can be programmed.
- Interface with host controller or PLC via discrete I/O or ASCII serial commands.



#### Intelligent

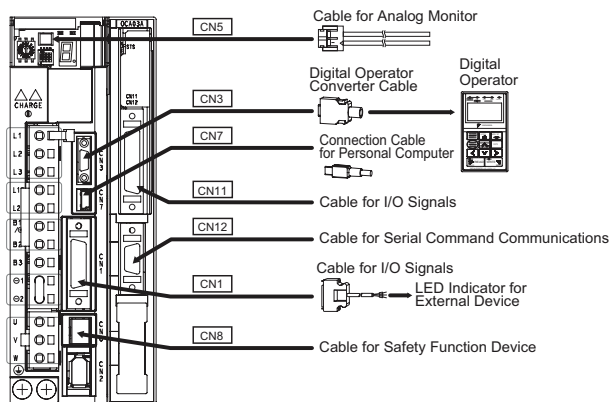
- Adaptive Tuning and Vibration Suppression algorithms simplify machine commissioning while maintaining steady high-precision positioning and optimum efficiency.
- Machine load inertia is calculated automatically and system parameters are set accordingly.
- High resolution smart feedback device supplies motor data to SERVOPACK.



# Sigma-5

## Functional Indexer Options

Cables for **CN1** **CN3** **CN5** **CN7** **CN8** **CN11** **CN12** (INDEXER Module Type SERVOPACKs)



Name	Length	Order No.	Specifications	Details	
<b>CN1</b> Cables for I/O Signals	Connector Kit	JZSP-CSI9-2-E	Soldered	(1)	
	Connector Terminal Converter Unit	0.5 m	JUSP-TA26P-E	Terminal Block and Connection Cable	(2)
		1 m	JUSP-TA26P-1-E		
		2 m	JUSP-TA26P-2-E		
	Cable with Loose wire at One End	1 m	JZSP-CSI02-1-E		(3)
		2 m	JZSP-CSI02-2-E		
3 m		JZSP-CSI02-3-E			
<b>CN3</b>	Digital Operator	JUSP-OP05A-1-E	With Connection Cable (1 m)	(4)	
	Digital Operator Converter Cable*1	0.3 m	JZSP-CVS05-A3-E	Cable with Connectors at Both Ends	(5)
<b>CN7</b> Connection Cables for Personal Computer	2.5 m	JZSP-CVS06-02-E	Cable with Connectors at Both Ends	(6)	
<b>CN5</b> Cables for Analog Monitor	1 m	JZSP-CA01-E	SERVOPACK End	(7)	
<b>CN8</b> Cable for Safety Function Device	Cables with Connector*2	3 m	JZSP-CVH03-03-E		(8)
	Connector kit*3	Contact Tyco Electronics AMP K.K. Product name : Industrial Mini I/O D-shape Type1 Plug Connector Kit Model : 2013595-1			
<b>CN11</b> Cable for I/O Signals	Connector Kit	DP9420007-E		(9)	
	Cable with Loose wire at One End	1 m	JZSP-CVI01-1-E		(10)
		2 m	JZSP-CVI01-2-E		
		3 m	JZSP-CVI01-3-E		
	Cable with Terminal Block at One End	0.5 m	JUSP-TA36V-E		(11)
		1 m	JUSP-TA36V-1-E		
2 m		JUSP-TA36V-2-E			
<b>CN12</b> Cable for Serial Command Communications	Connector kit*3	JZSP-CHI9-1		(12)	

\* 1 : A converter cable is required to use  $\Sigma$ -III series digital operators (model: JUSP-OP05A) for  $\Sigma$ -V series SERVOPACKs.

\* 2 : When using the safety function, connect this cable to the safety devices.

Even when not using the safety function, use SERVOPACKs with the Safe Jumper Connector (model: JZSP-CVH05-E) connected.

\* 3 : Use the connector kit when you make cables yourself.