

Compact I/O that saves space in control cabinets, with superior expandability, workability, and maintainability

FANUC Slice I/O

FANUC I/O Link *i*

- ✓ Able to use existing cabling
- ✓ Compatible with existing I/O units
- ✓ Additional groups can be added without cabling

Ideal for Dual Check Safety (DCS)

- ✓ DCS redundant safety signals can be connected to the same module

Highly expandable

- ✓ Wide range of modules available
- ✓ Configure parameters using programmer software

Superior maintainability

- ✓ LED indicators for module and individual I/O status
- ✓ Voltage of each I/O can be checked
- ✓ 3-Piece Structure allows for swapping of electronics only
- ✓ Helps reduce machine downtime

Space-saving

- ✓ Module width: 12 mm or 24 mm
- ✓ Additional modules can be stacked side-by-side

Superior workability

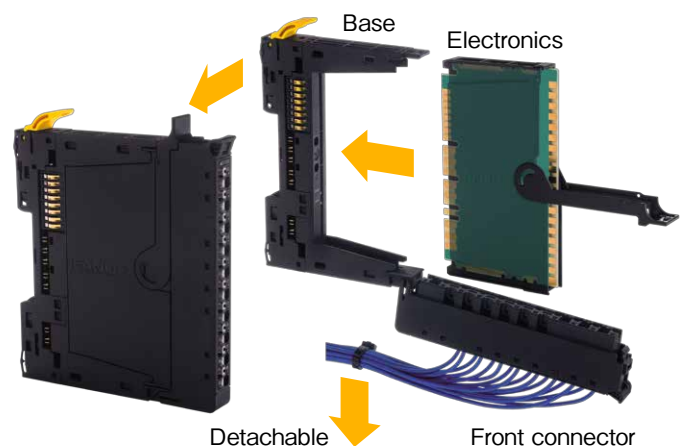
- ✓ Staggered array of push-in terminals
- ✓ Detachable front connectors
- ✓ Harness arrangement reduces assembly work



3-Piece Structure

3-Piece Structure makes modules easy to work on and maintain

- Front connector
 - Detachable and able to be ordered individually
 - Availability of pre-assembled cables reduces machine assembly work
- Electronics
 - Electronics can be replaced without disconnecting the Front connector wiring, reducing machine downtime
- Base
 - Use of different variations allows the reduction of the number of power cables and the separation of power supply systems into smaller units



Module lineup

Name	Nickname	Order specification	specification
Connector module	SCN01A	A03B-0830-J001	Used to connect communication cables
Interface module (basic)	SIF01A	A03B-0830-J101	Built-in system power supply, manual pulse generator I/F: 3 ch
Interface module (expansion)	SIF01B	A03B-0830-J102	For connecting additional groups, same specifications as the basic module
Safety interface module (basic)	SIF01SA	A03B-0830-J191	For safety modules, built-in system power supply, manual pulse generator I/F: None
Safety interface module (expansion)	SIF01SB	A03B-0830-J192	For connecting additional groups, same specifications as the basic module
Digital input module (DC16pt)	SID16A	A03B-0830-J201	24V DC, 16 pt, sink, 3 mA rated current
Digital input module (DC8pt)	SID08A	A03B-0830-J221	24V DC, 8 pt, sink/source, 7.5 mA rated current
Digital output module (DC16pt)	SOD16A	A03B-0830-J301	24V DC, 16 pt, source, 0.5 A/pt
Digital output module (DC8pt)	SOD08A	A03B-0830-J302	24V DC, 8 pt, source, 2 A/pt
Relay output module (DC8pt)	SOR08A	A03B-0830-J321	30V DC max., 8 pt, 2 A/pt
Analog input module	SAD04A	A03B-0830-J261	±20 mA/±10 V, 4 ch, 16-bit resolution
Analog output module	SDA04A	A03B-0830-J361	0 - 20 mA/±10 V, 4 ch, 16-bit resolution
Temperature input module (RTD)	SPT04A	A03B-0830-J271	Pt100/Pt1000, -50 to 300°C, 4 ch, 0.01°C resolution
Temperature input module (thermocouple)	STC04A	A03B-0830-J272	J/K type, 0 - 600°C, 4 ch, 0.01°C resolution
Temperature input module (thermistor)	STH08A	A03B-0830-J273	FANUC thermistor, 0 - 190°C, 8 ch, 0.01°C resolution
Counter module	SCT01A	A03B-0830-J401	A/B phase, CW/CCW, DIR + Pulse, 32-bit counter depth
Safety digital input module (DC16pt)	SID16S	A03B-0830-J291	24V DC, 16 pairs, sink, 3 mA rated current
Safety digital input module (DC8pt)	SID08S	A03B-0830-J292	24V DC, 8 pairs, sink/source, 7.5 mA rated current
Safety digital input module (self-test, DC8pt)	SID08T	A03B-0830-J293	24V DC, 8 pairs, sink, 7.5 mA rated current, self-test function
Safety digital output module (DC16pt)	SOD16S	A03B-0830-J391	24V DC, 16 pairs, source, 0.5 A/pt
Safety digital output module (DC8pt)	SOD08S	A03B-0830-J392	24V DC, 8 pairs, source, 2 A/pt
Safety digital output module (self-test, DC6pt)	SOD06T	A03B-0830-J393	24V DC, 6 pairs, source, 2 A/pt, self-test function
Power feed module	SPF01A	A03B-0830-J051	Power supply module for re-supplying loads
Potential distribution module (8pt × 2)	SPD08A	A03B-0830-J061	Module for split wiring (8 pt × 2)



*Please consult the manual for details of supported products, programmer software, and versions

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Service First

Conforming to the spirit of "Service First", FANUC provides lifetime maintenance to its products for as long as they are used by customers, through more than 270 service locations supporting more than 100 countries and regions throughout the world.

Maximizing Uptime



Global Service

Lifetime Maintenance

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