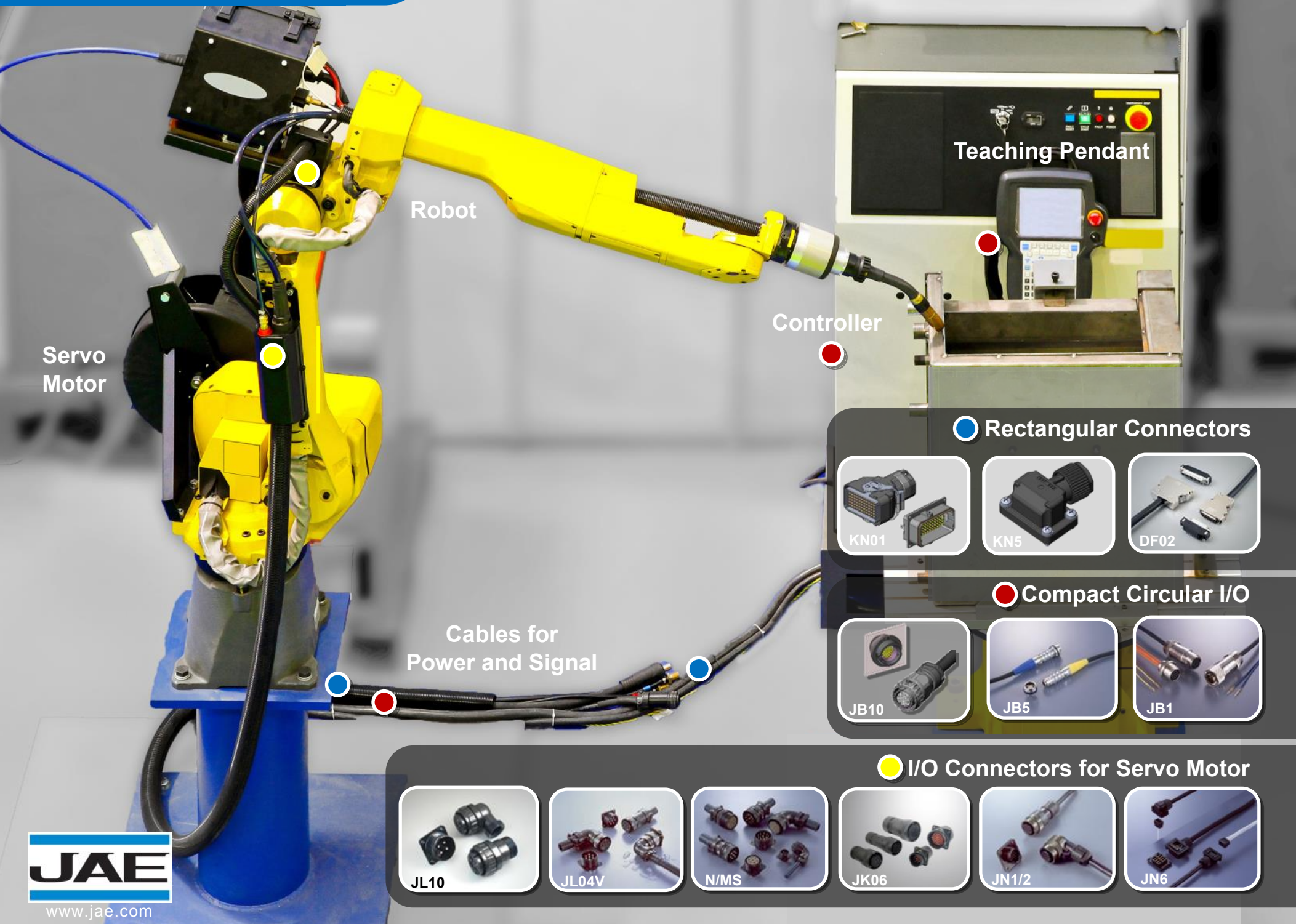






# Factory Automation



Compact Circular I/O for Servo Motors	JB1	JB5	JB10	JK06	JL04V	JL10	JN1/2	JN1W/2W	JN6	KN5	N/MS
											
Diameter (max.)	Φ18.0mm	Φ11.0mm	Φ34mm	Φ53.4mm	Φ22-56.3mm	Φ35.9-58.6mm	Φ19.0mm	Φ26.2mm	N/A	N/A	Φ22.2-81.8mm
Pin Count	3, 5, 10	3, 4, 5, 6, 8	26	37	3, 4, 6, 7, 8, 9, 18, 22	3,4,9,17,19	4,10	5,15	2,4,7	2,4	1~11,14,16,17, 19,22,24,26,35, 37,48,54,100
Shell Material	Metal	Metal	Plastic	Metal	Metal	Metal	JN1: Plastic JN2: Metal & Plastic	JN1: Plastic JN2: Metal	Plastic	Plastic	Metal
Mated Condition	IP67	IP68	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	N/A
Current Rating	3A	2 ~ 3A	1A	13A	13 ~ 80A	19 ~ 80A	3 ~ 5A	3 ~ 13A	1 ~ 7A	5 ~ 7A	13 ~ 150A
Voltage Rating	300VAC	200VAC ~ 320VAC	50VAC	220VAC	100VAC ~ 500VAC	100VAC ~ 500VAC	200VAC	200 ~ 400VAC	100VAC ~ 200VAC	200VAC	200VAC ~ 3,000VAC
Durability	500 cycles	5,000 cycles	500 cycles	500 cycles	500 cycles	500 cycles	500 cycles	500 cycles	100 cycles	100 cycles	500 cycles
Lock	Threaded	Push-in	Push-Twist	Push-Twist	Threaded	Bayonet & Threaded	Push-Twist	Push-Twist	Screw	Push-in	Threaded
Operating Temp.	-30 ~ +85 °C	-55 ~ +85 °C	-20 ~ +105 °C	-40 ~ +100 °C	-55 ~ +125 °C	-55 ~ +125 °C	-20 ~ +125 °C	-20 ~ +125 °C	-40 ~ +125 °C	-40 ~ +130 °C	-55 ~ +125 °C
Wire Size	AWG #22-28	AWG #22-28	AWG #22-28	AWG #14-16	AWG #4-18	AWG #0-22	AWG #20-28	AWG #14-28	AWG #18-28	AWG #18-22	AWG #0-16
Termination	Crimp	Solder	Crimp	Crimp	Solder	Solder	Crimp/Solder	Crimp/Solder	Crimp	Crimp	Solder
Features	Mated Waterproof	Small size. Un-mated waterproof	Waterproof w/ EMI shield. Lightweight.	VG95234 Qualified Circular Connector	TUV and UL approved. Compatible w/ MIL-DTL-5015.	TUV and UL approved. Compatible w/ MIL-DTL-5015.	One-touch locking mechanism. JN2 shell is 3x stronger.	Easy, secure mating w/ push-in/twist-off type one-touch lock mechanism.	Lightweight, Waterproof	TUV and UL Approved connector for small servo motor.	UL approved. Compatible with MIL-DTL-5015 standard.

Rectangular	Pitch	I/O	Pin Count	Current Rating	Voltage Rating	Durability	Operating Temp	Locking	Features
	1.27mm	Cable I/O	14,20,26,36, 50, *68 (*plug only)	0.5A	250VAC	500 cycles	-20 ~ +80 °C	One-touch/Screw	Half-pitch (1.27mm) interface compatible. Ni-plated plastic hood for lighter weight with EMI shielding.
	(Varies)	Power + Signal	31-148	(Varies)	(Varies)	100 cycles	-20 ~ +105 °C	Lever	Locking lever feature.