

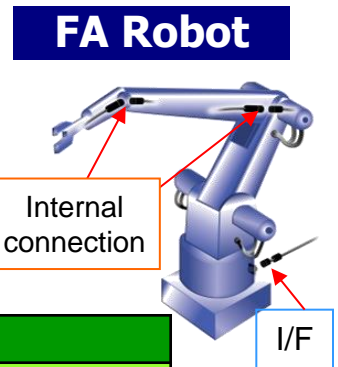


# Connectors for FA Robot

The products depicted in this brochure are a sampling of the many connector solutions manufactured by Hirose. For details on these products and to view our full line of connectors, please visit our website.

Internal Connection					
DF60	DF63	DF63W	DF62	DF62W	BF4M
Small and high current Contact pos.: 1 to 6 Rated current: 45 A Max. Rated voltage: 1000 V Applicable wire: AWG 8 to 12	Small size and supports up to 15 A Contact pos.: 1 to 6 Rated current: 15 A Max. Rated voltage: 630 V Max. Applicable wire: AWG16 to 28	Water proof in-line for power Contact pos.: 2, 3, 4 Rated current: 14 A Max. Rated voltage: 630 V Max. Applicable wire: AWG16 to 22	Slim in-line connector Contact pos.: 2 to 7, 13 Rated current: 3 A Max. Rated voltage: 250 V Max. Applicable wire: AWG 22 to 30	Slim water proof in-line Contact pos.: 2 to 4, 6, 9 Rated current: 3 A Max. Rated voltage: 250 V Max. Applicable wire: AWG22 to 26	Optical active connector with built-in E/O O/E devices Supporting 0.05 to 6.25 Gbps EMI prevention

I/F for Controller Connection			
PQ50	PQ50S	PQ50W	PQ50WT
Contact pos.: 20 Rated current: 19 A Max. Rated voltage: 600 V AC Applicable wire: AWG15 to 22	Contact pos.: 48 Rated current: 12.5 A Max. Rated voltage: 300 V AC Applicable wire: AWG17 to 28	Contact pos.: 50 Rated current: 12.5 A Max. Rated voltage: 300 V AC Applicable wire: AWG17 to 28	Contact pos.: 20 to 120 (Optional selectable unit) Rated current: 40 A Max. Rated voltage: 600 V AC Applicable wire: AWG 10 to 28



Servo Motor Connection			
H/MS	LF	HR34B	HR08D
<b>IP67</b> MIL-C-5015 connector Contact pos.: 2, 3, 4, 6, 7, 8, 17, 19 Rated current: 13 A to 46 A Rated voltage: 500 V AC / DC Max.	<b>IP68*</b> Bayonet lock, Miniature shielding Contact pos.: 3, 4, 6, 11, 12, 20 Rated current: 10 A Max. Rated voltage: 125 V AC / 175 V DC Max.	<b>IP68*</b> Supports Fanuc motor Push-on bayonet lock Contact pos.: 4, 10 Rated current: 3 A & 5 A Rated voltage: 200 to 400 V AC	<b>IP68*</b> Supports Mitsubishi motor Push-on bayonet lock Contact pos.: 2, 10 Rated current: 3 A Rated voltage: 200 V AC / 250 V DC

Peripheral Device Connection		
HR22	HR30	HR10
<b>IP67</b> Screw lock Contact pos.: 20 Rated current: 2 A Rated current: 100 V AC / 140 V DC Applicable wire: AWG 24 to 28	<b>IP68*</b> Push-pull lock Contact pos.: 3, 6, 10, 12 Rated current: 2 A & 5 A Rated voltage: 30 to 100 V AC Applicable wire: AWG 20 to 26	Push-pull lock Contact pos.: 4, 5, 6, 10, 12, 20 Rated current: 2 A Rated voltage: 150 V AC / 200 V DC Max. Applicable wire: AWG 26 to 30

For more information about Hirose products: <a href="http://www.hirose.com">http://www.hirose.com</a>					
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\*Specifications herein are subject to change without notice. Contact Hirose for latest specifications and details.