Connectors for Robot Control Unit Products

Hirose Electric, as a world leader in the connectivity industry, has been developed a broad innovative electronic connectors over the years since its founding.
Please visit our Web site for details of the listed products as well as other related product lines.

①Control Signal

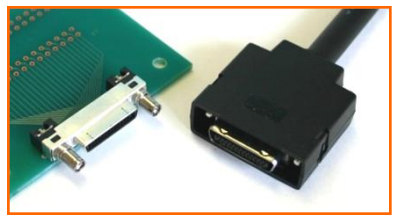
LF

IP68, Small water proof connector with shielding 3-20pos.

TM11R

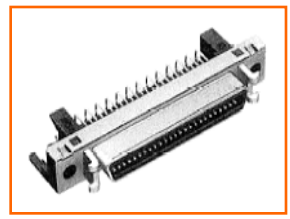
RJ45 modular jack supporting CAT5

DH



1mm pitch, Small interface connector for high speed transmission,17, 27, 37, 51pos.

DXM

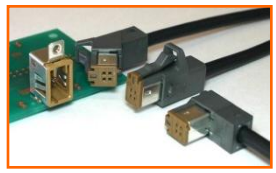


1.27mm pitch Interface connector 14-110pos.

IX

Supports 3 Gbps x 4-pair
Positive lock,
Compact and rugged
I/O Connector, 8pos.

GT17H/HN

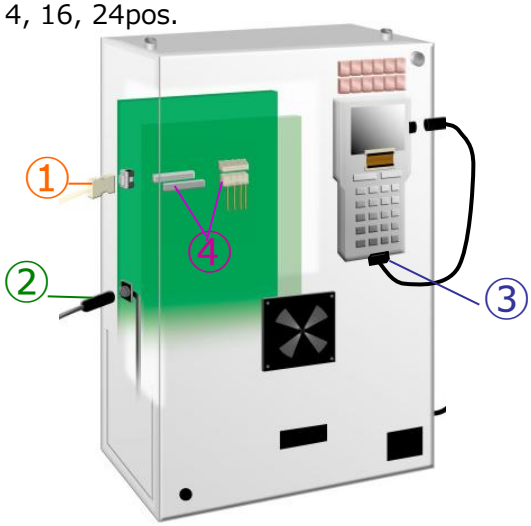


Meeting automotive spec.
High speed transmission shielded connector with positive lock
4, 16, 24pos.

②Power

JR

Circular interface connector
3-26pos.



③Teaching Pendant

HR22

Vibration resistance
Water resistance, 20pos.

JR

Circular interface connector
3-26pos.

H/MS

TÜV certified, Circular connector conforming to MIL standard
2-19pos.

PQ50

High Power Supply
Die-Casting Connector
20pos.

PQ50S

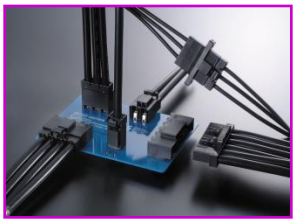
High Power Supply
Plastic Connectors
48pos.

*Specifications herein are subject to change without notice. Contact Hirose for the latest specifications, drawings, and availabilities.

© 2016 HIROSE ELECTRIC CO., LTD. All rights reserved.

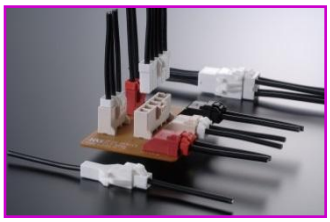
④ Control Board Internal Connection

DF60



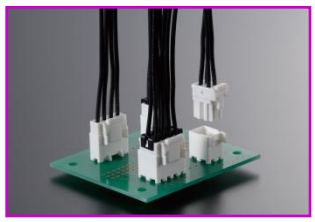
Supports 40A
AWG 8-12
1-6pos.

DF22



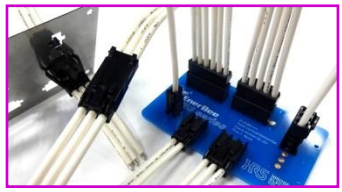
7.92mm pitch, 30A Max.
1-5pos.

DF33C



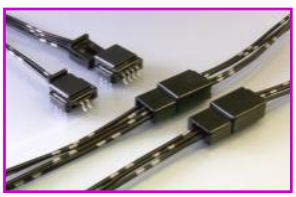
3.3mm pitch, 4-5A
2-12pos.

DF63



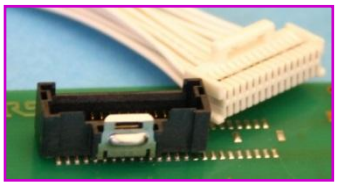
3.96mm pitch, 15A Max.
1-6pos.

GT8E



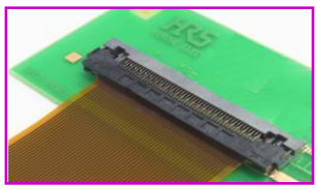
2.0mm pitch
Small positive lock
2-24pos.

DF50



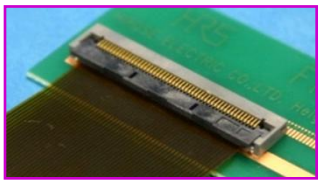
1mm pitch, Double-row
Positive lock
2-16, 20, 30, 40, 50pos.

FH50



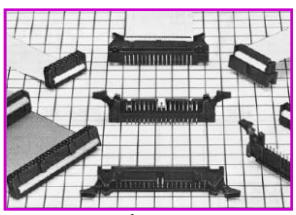
0.5mm pitch, 3.7mm height
Incomplete mating prevention
Dual beam contact, 50pos.

FH28



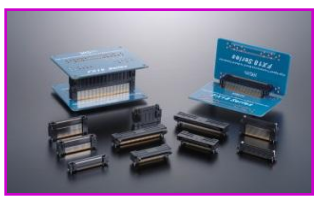
0.5mm pitch,
2.55mm height
Robust structure,
10-80pos.

HIF3B



2.54mm pitch
Conforming to MIL standard
6-64pos.

FX18

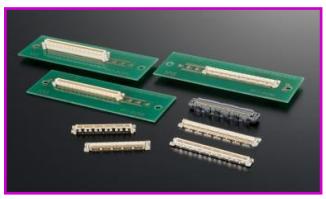


0.8mm pitch
10-45mm height
High-speed transmission
40-140pos.

FX8/8C

0.6mm pitch, 3-16mm height
High-speed transmission
60-140pos.

FX10



0.5mm pitch
15-30mm height
High-speed transmission
Floating structure
80-168pos.

FX20

0.5mm pitch,
15-30mm height
Floating structure
20-140pos.

FX22

0.5mm pitch
Coplanar connection
Floating structure
40-80pos.

FX23

0.5mm pitch
15-30mm height
Floating structure
20-120pos.

FX30B

10A / pin, 20-30mm height
Misalignment absorbing structure
2-5pos.

For more information about Hirose products: http://www.hirose.com

[Japan]		TEL: +81-45-620-3491	[Malaysia]	(Penang)	TEL: +604-619-2564
[China]	(Shanghai)	TEL: +86-21-6391-3355	[Thailand]	(Bangkok)	TEL: +66-2-686-1255
	(Beijing)	TEL: +86-10-5165-9332	[USA]	(Chicago) (USA HQ)	TEL: +1-630-282-6700
	(Shenzhen)	TEL: +86-755-8207-0851		(San Jose)	TEL: +1-408-253-9640
[Hong Kong]	(Kowloon)	TEL: +852-2803-5338		(Detroit) (Automotive)	TEL: +1-734-542-9963
[Taiwan]	(Taipei)	TEL: +886-2-2555-7377	[The Netherlands]	(Amsterdam)	TEL: +31-20-6557460
[Korea]	(Siheung)	TEL: +82-31-496-7000 or 7124	[Germany]	(Stuttgart)	TEL: +49-711-4560021
[Singapore]	(Anson Road)	TEL: +65-6324-6113		(Nuremberg)	TEL: +49-911-32688963
[India]	(Delhi)	TEL: +91-12-660-8018		(Hanover)	TEL: +49-511-97826130
	(Bangalore)	TEL: +91-80-4120-1907	[France]	(Paris)	TEL: +33-1-85764886
			[UK]	(Milton Keynes)	TEL: +44-1908-202050

*Specifications herein are subject to change without notice. Contact Hirose for the latest specifications, drawings, and availabilities.

© 2016 HIROSE ELECTRIC CO., LTD. All rights reserved.