

New-Generation Heavy Payload QUICK-CHANGE

QUICK-CHANGE GIGA™

GIGA is a device for automatic tool changing, designed for robots handling heavy-payloads, with weight capacities of 350kg, 400kg, 500kg, and 700kg. GIGA is used for body in white handling and jig base changing in the automotive industry. It is also used in other industries for heavy load palletizing, and loading and unloading of CNC machines. In addition to handling applications, GIGA can be used in spot-welding gun changing applications. GIGA can also use our QUICK-CHANGE ZEUS Series modules.

Lock without touching

The Master plate can lock onto the Tool plate with a gap between them

Enhanced mechanical fail-safe function!

Our proven mechanical fail-safe mechanism has been further enhanced with the addition of a spring back-up for greater reliability, so the Master and Tool Plates will not separate, even if pneumatic pressure fails.

Conforms to ISO standards for robot flanges!

The GIGA bolt pattern is compatible with heavy payload robot flanges.

Bolt pattern: PCD 200, M12×6 pcs

Safety feature: fool-proof

Built-in lock/unlock sensor (selection NPN/PNP)

Built-in approach sensor (detecting clearance of Tool Plate)

Standardly equipped mechanical safety valve that allows Tool Plate to separate from Master Plate only at a certain spot on tool stand.

Master plate
(GIGA-MN-SEAM-FL6BM-WPCM-SCDM-VE)



Tool plate
(GIGA-T-SEAT-FL6BT-WPCT-SCDT-V)

Specifications

Main body					
Load capacity (Rated load)		6,860N(700kg)			
Positional repeatability		±0.025mm			
Allowable dynamic moment	Bending direction (Tx,Ty)	7,840N・m(800kgf・m)			
	Twisting direction (Tz)	5,880N・m(600kgf・m)			
Coupling force (at 0.49MPa air pressure) ※a		63,239N(6,453kgf)			
Material	Frame	Aluminum alloy			
	Lock/unlock mechanism	stainless steel			
Overall dimension (When coupled)		φ350×H160mm			
Product weight (Main body)	Master Plate	25kg			
	Tool Plate	15kg			
Electric signal connection (Built-in)		Connector(Master side)	5A×20	D/MS3102A24-28P	
		Connector(Tool side)	※b	D/MS3102A24-28S	
Lock/unlock mechanism			Ball-locking mechanism		
Lock/unlock operation required air pressure			0.39～0.68MPa (4～7kgf/cm²)		
Allowable temperature and humidity range			0～50℃, 35～90% (Non-condensing)		
Lock/unlock sensor	Lock status	1 built-in proximity switch			
	Unlock status	1 built-in proximity switch			
Drop prevention valve			Mechanical Valve		

Accessories for master plate

W/O insulation (IN12 or IN16)→parallel pin (φ12×22)×1pc, bolts (M12×90)×6pcs, flat washers (for M12 bolts, small)×6pcs, spring washers (for M12 bolts)×6pcs, resin collars (inner φ12.5)×6pcs
With insulation (IS)→insulation locating pins (φ12×30)×2pcs, bolts (M12×100)×6pcs, flat washers (for M12 bolts, small)×6pcs, spring washers (for M12 bolts)×6pcs, resin collars (inner φ12.5), insulation plate×1pc

(※a)Coupling force is the force to achieve specified repeatability.Coupling will be maintained until unlock pressure is applied or the device is damaged.
(※b)Max.93.6A is allowed as connector.

Option

Module for A side and B side

	Model	Capacity and number of contacts	Connector for Master Plate side	Connector for Tool Plate side
Servo module	SEAM (T) SEBM (T)	Servo powers 20A(500V)×6 ※1 Electric signals 5A(220V)×17 ※2	D/MS3102A20-17P D/MS3102A20-29P	D/MS3102A20-17S D/MS3102A20-29S
	SEYAM (T) SEYBM (T)	Servo powers 20A(500V)×6 ※5 Electric signals 5A(220V)×17 ※2	D/MS3102A20-15P D/MS3102A20-29P	D/MS3102A20-15S D/MS3102A20-29S
	SEPAM (T) SEPBm (T)	Servo powers 20A(500V)×6 ※1 Electric signals 5A(220V)×17 ※2	D/MS3102A20-17P D/MS3102A20-29P	D/MS3102A20-17S D/MS3102A20-29S
		Electric signals 5A(220V)×37 ※6	D/MS3102A28-21P	D/MS3102A28-21S
	FL4AM/FL4BM	Master Plate side	4 ports Rc3/8 (self-sealing) for both of coolant and pneumatic	
	FL4AT/FL4BT FP4AT/FP4BT	Tool Plate side	4 ports Rc3/8 (pass-through) for pneumatic	
Fluid module ※3	FL6AM/FL6BM	Master Plate side	6 ports Rc3/8 (self-sealing) for both of coolant and pneumatic	
	FL6AT/FL6BT FP6AT/FP6BT	Tool Plate side	Rc3/8×6 (pass-through)	
		Tool Plate side	Rc3/8×4 (pass-through)	
	P38AM (T) *	4 ports		
Electric signal module	JXAM (T) * JXBM (T) *	5A×16 ※7	JMR-2116M-D	JMR-2116F-D
	RXAT * RXBT *	5A×16 (without connector) ※9		terminal for solder
	MWXAM (T) MWXBM (T)	Resistance to dust and water 13A×10	D/MS3102A 18-1P	D/MS3102A 18-1S
	BNXAM (BDXAT) * BNXBM (BDXBT) *	non-contact electric signal 15 NPN output	WEBR2119MS-D	WEBR2116FS-D
	BPKAM (BDXAT) * BPKBM (BDXBT) *	non-contact electric signal 15 PNP output	WEBR2119MS-D	WEBR2116FS-D
	E51AM (T) * E51BM (T) *	500A×1 (usage : 50%)		
Attachment module	GLAM (T) GLBM (T)	Attachment module for A and B side. (For adding conventional Quick change options)		
Cover	LCAM (T) LCBM (T)	Cover for A and B side (always use cover when the modules are not in use)		

Module for C side and D side

	Model	Capacity and number of contacts	Connector for Master Plate side	Connector for Tool Plate side
Primary current module	WPCM (T) WPDM (T) WSCM (T) WSDM (T)	200A (usage: 25%) 600V Sequence 100A(600V)×3 ※4 Thermo signal: 5A(200V)×3	D/MS3102A36-3P	D/MS3102A36-3S
			Seal connector ABS-3632	
Pneumatic port	P18CM (T) * P18DM (T) *	4 ports	Rc1/8×4 (pass-through)	
	P3WCM (T) * P3WDM (T) *	2 ports	Rc3/8×2 (pass-through)	
Electric signal module	JCM (T) * JDM (T) *	5A×16 ※7	JMR-2116M-D	JMR-2116F-D
	RCT/RDT	5A×16 (without connector) ※9		terminal for solder
	MCM (T) * MDM (T) *	13A×10 ※8	D/MS3102A18-1P	D/MS3102A18-1S
	MWCM (T) MWDM (T)	Resistance to dust and water 13A×10	D/MS3102A18-1P	D/MS3102A18-1S
	BNCM (BDCT) * BNDM (BDOT) *	non-contact electric signal 15 NPN output	WEBR2119MS-D	WEBR2116FS-D
	BPCM (BDCT) * BPDm (BDOT) *	non-contact electric signal 15 NPN output	WEBR2119MS-D	WEBR2116FS-D
Ground contact module	E51CM (T) * E51DM (T) *	500A×1 (usage : 50%)		
Attachment module	GSCM (T) GSDM (T)	Attachment module for C and D side (For fitting conventional Quick change options onto C-side)		
Cover	SCCM (T) SCDM (T)	Cover for C and D side (always use cover when the modules are not in use)		

Miscellaneous accessories

Lock/unlock Solenoid valve	VE	With solenoid valve for lock/unlock
	VN	Without solenoid valve for lock/unlock

Ordering Information

Master plate

GIGA	-MN- -MP-			AM -			BM -			CM -			DM -						
		(MN=Sensor output NPN) MP=Sensor output PNP)																	
		※ Bolt pattern of interface to robot flange is PCD 200mm, M12																	

IS	With insulation plate	VE	With solenoid valve for lock/unlock ※
IN02	Without insulation plate, knock pin x 2	VN	Without solenoid for lock/unlock
IN12	Without insulation plate, inlay φ125		※ When you add solenoid valve electric signal(BU) are limited upto 15
IN16	Without insulation plate, inlay φ150		

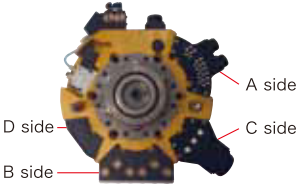
Tool plate

GIGA

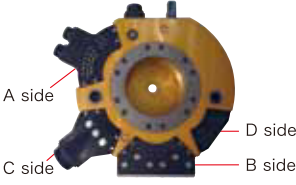
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Installing position



Master Plate



Tool Plate

Please contact BL Autotec, Ltd. for detailed information on the options.

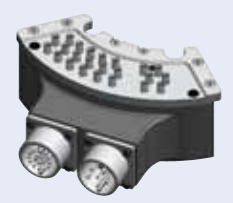
- The electric connector and plugs are user-provided. • Please contact BL Autotec, Ltd. for detailed information on the modules.
- Please contact BL Autotec, Ltd. for special conditions and specific applications. • Please refer to the Installation & Maintenance Manual when using.

The configuration and specifications for this series are subject to change.

ZEUS·GIGA Modules

■Examples of optional modules (A or B side)

Master plate side



Servo module
SEAM / SEBM



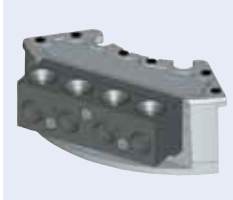
Fluid module
FL6AM / FL6BM



Attachment module for adding Quick change options onto A-B-side
GLAM / GLBM



Electric signal module
BPAM / BPBM
BNAM / BNBM



Pneumatic port
P38AM / P38BM



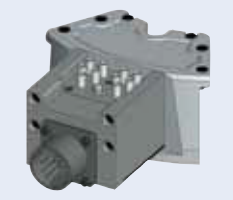
Servo module
SEPAM / SEPBM

■Examples of optional module (C or D side)

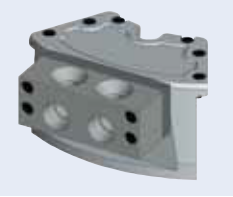
Master plate side



Primary current module
WSCM / WSDM



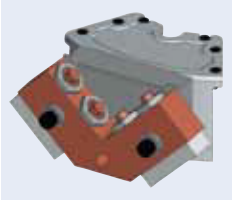
Electric signal module
M10CM / M10DM



Pneumatic port
P3WCM / P3WDM



Attachment module for adding Quick change options onto C-D-side
GSCM / GSDM



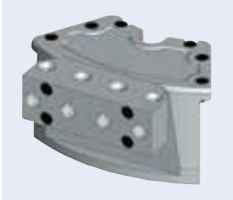
Ground contact module
E51CM / E51DM



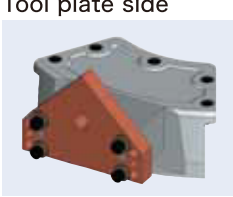
Electric signal module
RCT / RDT



Electric signal module
JCM / JDM



Pneumatic port
P18CM / P18DM



Ground contact module
E51CT / E51DT

*Please refer to the below table below for details of optional modules.

ZEUS Application Lineup



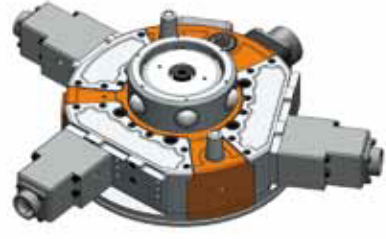
1 Model for spot welding gun exchange.



2 Model for exchanging jig hands for material handling.



3 Model for exchanging hands or jigs on actuated servo motors.



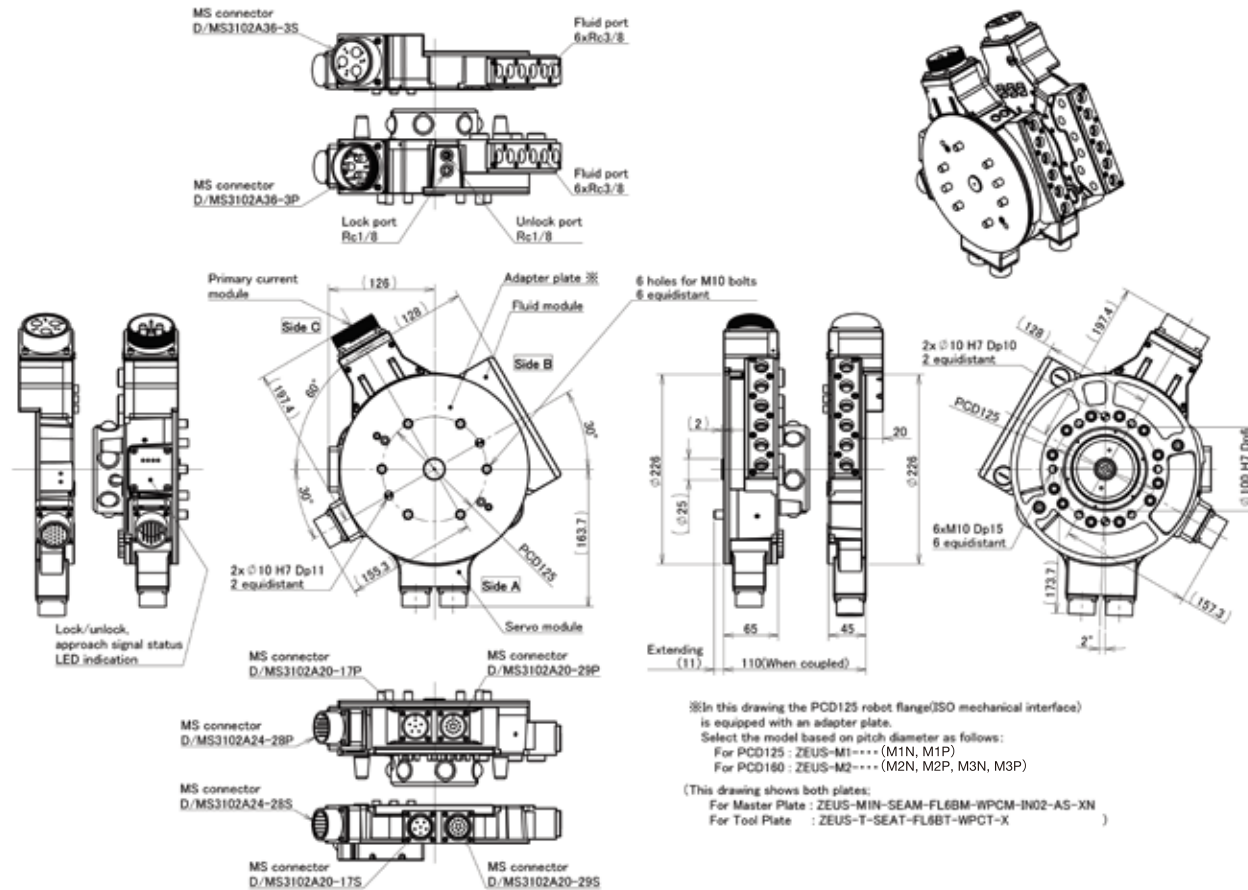
4 Model for high humidity or wet environments. (Remote sensor water-proof IP68 is used for electric signal module)



5 Model for exchanging spot welding guns and for handling hands or jigs.

ZEUS·GIGA Main Body Dimensions

QUICK-CHANGE ZEUS™



Wire-Saving Module / Contact Block

At the site of FA, it is becoming popular to adapt various network systems in order to reduce wiring. Networks at factories are hierarchically (configurationally) classified by place and information transmission in the network. Our Wire-Saving Module / Contact Block is compliant with networks of several standardized serial data communications and, thus, effective for reducing wiring at factories. We have prepared connectors conforming to several standardized serial data communications.

Contact Blocks that can be equipped with QUICK-CHANGE™ / QUICK-CHANGE ZEUS™ / QUICK-CHANGE GIGA™

Examples of optional modules

Master plate side



DeviceNet with M12 connector type
C1M



CC-Link connector type
C2M



DeviceNet with UN connector type
C3M



PROFIBUS connector type
C4M



Ethernet connector type
C5M



Powered M12 connector type
C6M



Powered UN connector type
C7M

Contact Blocks that can be equipped with QUICK-CHANGE ZEUS™ / QUICK-CHANGE GIGA™

Examples of optional modules (A or B side)

Integrated type



KUKA standard connector type
C1KAM/C1KBM



Ethernet connector type
CSSAM/CSSBM



DeviceNet with M12 connector type
C1EAM/C1KBM



KUKA standard connector type
C16KAT/C16KBT

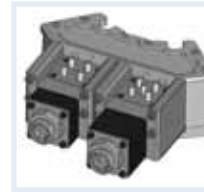


Ethernet connector type
C5SAT/C5SBT



CC-Link connector type
C2EAT/C2EBT

Combined type



DeviceNet with UN connector type
C7C3AM/C7C3BM



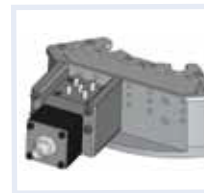
CC-Link & Powered UN connector type
C2C7AM/C2C7BM



PROFIBUS connector & Powered M12 connector type
C6C4AT/C6C4BT



Ethernet & Powered M12 connector type
C5C6AT/C5C6BT



DeviceNet with M12 connector type
C1XAM/C1XBM



PROFIBUS connector type
C4XAT/C4XBT

Conforming to several standardized serial data communications

DeviceNet	Using dedicated thin cable conforming to DeviceNet standard. We have mini-connectors and micro-connectors available.
CC-Link	Using a dedicated Ver. 1.10 compatible CC-Link cable that is a twisted three-core cable with shield. We have M12 Micro type four-contact A-coding connectors available.
PROFIBUS	Using PROFIBUS DP type-A cable that is twisted wiring with shield. We have M12 Micro type four-contact B-coding connectors available.
Industrial Ethernet	We have category 5e equivalent cable with two pairs of shield is used and M12 Micro type four-contact D-coding connectors available. These connectors conform to EtherNet/IP, EtherCAT, PROFINET.

Options

Module for A side and B side

	Model	Capacity and number of contacts	Connector for Master Plate side	Connector for Tool Plate side
Industrial Network Module with attachment	C1XAM(T) C1XBM(T)	3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire	Micro-style Connector M12, A-coding, 5 contacts Male	Micro-style Connector M12, A-coding, 5 contacts Female
	C2XAM(T) C2XBM(T)	3A(125V) x 4 contacts type for CC-Link *including shield	Micro-style Connector M12, A-coding, 4 contacts Male	Micro-style Connector M12, A-coding, 4 contacts Female
	C3XAM(T) C3XBM(T)	8A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire	Mini-style Connector 7/8-16UN, 5 contacts Male	Mini-style Connector 7/8-16UN, 5 contacts Female
	C4XAM(T) C4XBM(T)	4A (160V) x 2 contacts type for PROFIBUS connector	Micro-style Connector M12, B-coding, 4 contacts Male	Micro-style Connector M12, B-coding, 4 contacts Female
	C5XAM(T) C5XBM(T)	3A (30V) x 4 contacts type for Ethernet connector	Micro-style Connector M12, D-coding, 4 contacts Female	Micro-style Connector M12, D-coding, 4 contacts Female
	C6XAM(T) C6XBM(T)	3A (125V) x 4 contacts type for Powered M12 connector	Micro-style Connector M12, A-coding, 4 contacts Male	Micro-style Connector M12, A-coding, 4 contacts Female
	C7XAM(T) C7XBM(T)	13A (25V) x 4 contacts type for Powered UN connector	Mini-style Connector 7/8-16UN, 4 contacts Male	Mini-style Connector 7/8-16UN, 4 contacts Female
	C1SAM(T) C1SBM(T)	Servo Power 20A(500V) x 6 Servo Signal 5A(220V) x 17 3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, A-coding, 5 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, A-coding, 5 contacts Female
Servo/Industrial Network Module	C2SAM(T) C2SBM(T)	Servo Power 20A(500V) x 6 Servo Signal 5A(220V) x 17 3A(125V) x 4 contacts type for CC-Link *including shield	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, A-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, A-coding, 4 contacts Female
	C3SAM(T) C3SBM(T)	Servo Power 20A(500V) x 6 Servo Signal 5A(220V) x 17 8A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire	D/M3102A20-17P D/M3102A20-29P Mini-style Connector 7/8-16UN, 5 contacts Male	D/M3102A20-17S D/M3102A20-29S Mini-style Connector 7/8-16UN, 5 contacts Female
	C4SAM(T) C4SBM(T)	Servo Power 20A(500V) x 6 Servo Signal 5A(220V) x 17 4A (160V) x 2 contacts type for PROFIBUS connector	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, B-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, B-coding, 4 contacts Female
	C5SAM(T) C5SBM(T)	Servo Power 20A(500V) x 6 Servo Signal 5A(220V) x 17 3A (30V) x 4 contacts type for Ethernet connector	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, D-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, D-coding, 4 contacts Female
	C1EAM(T) C1EBM(T)	Servo Power 20A(500V) x 6 3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, A-coding, 5 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, A-coding, 5 contacts Female
	C2EAM(T) C2EBM(T)	Servo Power 20A(500V) x 6 3A(125V) x 4 contacts type for CC-Link *including shield	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, A-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, A-coding, 4 contacts Female
	C3EAM(T) C3EBM(T)	Servo Power 20A(500V) x 6 8A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire	D/M3102A20-17P D/M3102A20-29P Mini-style Connector 7/8-16UN, 5 contacts Male	D/M3102A20-17S D/M3102A20-29S Mini-style Connector 7/8-16UN, 5 contacts Female
	C4EAM(T) C4EBM(T)	Servo Power 20A(500V) x 6 4A (160V) x 2 contacts type for PROFIBUS connector	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, B-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, B-coding, 4 contacts Female
	C5EAM(T) C5EBM(T)	Servo Power 20A(500V) x 6 3A (30V) x 4 contacts type for Ethernet connector	D/M3102A20-17P D/M3102A20-29P Micro-style Connector M12, D-coding, 4 contacts Male	D/M3102A20-17S D/M3102A20-29S Micro-style Connector M12, D-coding, 4 contacts Female
	C1NAT C1NBT	3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire	Micro-style Connector M12, A-coding, 5 contacts Male	Micro-style Connector M12, A-coding, 5 contacts Female
	C2NAT C2NBT	3A(125V) x 4 contacts type for CC-Link *including shield	Micro-style Connector M12, A-coding, 4 contacts Male	Micro-style Connector M12, A-coding, 4 contacts Female
	C3NAT C3NBT	8A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire	Mini-style Connector 7/8-16UN, 5 contacts Male	Mini-style Connector 7/8-16UN, 5 contacts Female
	C4NAT C4NBT	4A (160V) x 2 contacts type for PROFIBUS connector	Micro-style Connector M12, B-coding, 4 contacts Male	Micro-style Connector M12, B-coding, 4 contacts Female
	C5NAT C5NBT	3A (30V) x 4 contacts type for Ethernet connector	Micro-style Connector M12, D-coding, 4 contacts Male	Micro-style Connector M12, D-coding, 4 contacts Female

	Model	Capacity and number of contacts	Connector for Master Plate side	Connector for Tool Plate side
Servo/Industrial Network Module for KUKA	C1KAM C1KBM	Servo Power 20A(500V) x 6 *including ground Servo Signal 5A(220V) x 17 *including shield 7A (125V) x 9 contacts type for DeviceNet & Power connector *including drain wire	BEGA116NN00000201000 AEGA052NN00000200000 AEGA113NN00000200000	
	C4KAM C4KBM	Servo Power 20A(500V) x 6 *including ground Servo Signal 5A(220V) x 17 *including shield 7A (125V) x 7 contacts type for PROFIBUS & Power connector *including shield	BEGA116NN00000201000 AEGA052NN00000200000 AEGA113NN00000200000	
	SEKAT SEKBT	Servo Power 20A(500V) x 6 *including ground Servo Signal 7A(160V) x 12 *including shield	BEGA116NN00000201000 AEGA052NN00000200000	
	C16KAT C16KBT	3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire 3A (125V) x 4 contacts type for Powered M12 connector		Micro-style Connector M12, A-coding, 5 contacts Female Micro-style Connector M12, A-coding, 4 contacts Female
	C17KAT C17KBT	3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire 7A (25V) x 4 contacts type for Powered UN connector		Micro-style Connector M12, A-coding, 5 contacts Female Mini-style Connector 7/8-16UN, 4 contacts Female
	C36KAT C36KBT	7A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire 3A (125V) x 4 contacts type for Powered M12 connector		Mini-style Connector 7/8-16UN, 5 contacts Female Micro-style Connector M12, A-coding, 4 contacts Female
	C37KAT C37KBT	7A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire 7A (25V) x 4 contacts type for Powered UN connector		Mini-style Connector 7/8-16UN, 5 contacts Female Mini-style Connector 7/8-16UN, 4 contacts Female
	C46KAT C46KBT	4A (160V) x 2 contacts type for PROFIBUS connector 3A (125V) x 4 contacts type for Powered M12 connector		Micro-style Connector M12, B-coding, 4 contacts Female Micro-style Connector M12, A-coding, 4 contacts Female
Industrial Network Module for KUKA	C47KAT C47KBT	4A (160V) x 2 contacts type for PROFIBUS connector 7A (25V) x 4 contacts type for Powered UN connector		Micro-style Connector M12, B-coding, 4 contacts Female Mini-style Connector 7/8-16UN, 4 contacts Female

※ The Master for KUKA can be only coupled with the tool for KUKA

Module for C side and D side

	Model	Capacity and number of contacts	Connector for Master Plate side	Connector for Tool Plate side
Industrial Network Module with attachment	C1CM(T) C1DM(T)	3A (60V) x 5 contacts type for DeviceNet M12 connector *including drain wire	Micro-style Connector M12, A-coding, 5 contacts Male	Micro-style Connector M12, A-coding, 5 contacts Female
	C2CM(T) C2DM(T)	3A(125V) x 4 contacts type for CC-Link *including shield	Micro-style Connector M12, A-coding, 4 contacts Male	Micro-style Connector M12, A-coding, 4 contacts Female
	C3CM(T) C3DM(T)	8A (24V) x 5 contacts type for DeviceNet UN connector *including drain wire	Mini-style Connector 7/8-16UN, 5 contacts Male	Mini-style Connector 7/8-16UN, 5 contacts Female
	C4CM(T) C4DM(T)	4A (160V) x 2 contacts type for PROFIBUS connector	Micro-style Connector M12, B-coding, 4 contacts Male	Micro-style Connector M12, B-coding, 4 contacts Female
	C5CM(T) C5DM(T)	3A (30V) x 4 contacts type for Ethernet connector	Micro-style Connector M12, D-coding, 4 contacts Male	Micro-style Connector M12, D-coding, 4 contacts Female
	C6CM(T) C6DM(T)	3A (125V) x 4 contacts type for Powered M12 connector	Micro-style Connector M12, A-coding, 4 contacts Male	Micro-style Connector M12, A-coding, 4 contacts Female
	C7CM(T) C7DM(T)	13A (25V) x 4 contacts type for Powered UN connector	Mini-style Connector 7/8-16UN, 4 contacts Male	Mini-style Connector 7/8-16UN, 4 contacts Female

Details of Attachment part number

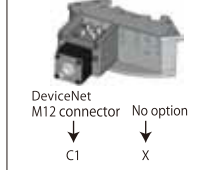
Abbreviation	Module part number	Details
J	J16A	5A x 16 (JM connector)
M	M10A	13A x 10 (MS connector)
MW	M10WA	13A x 10 (Drip-Proof MS connector)
R	R16	5A x 16 (Connector-less specification for Tool side only)
BN	BFN	Non-Contact Electric Signal Block with 15 contacts, NPN Output only for Master side
BP	BFP	Non-Contact Electric Signal Block with 15 contacts, PNP Output only for Master side
BD	BFD	Non-Contact Electric Signal Block with 15 contacts, Sensor Input only for Tool side
C1	C1	DeviceNet M12 connector
C2	C2	CC-Link connector
C3	C3	DeviceNet UN connector
C4	C4	PROFIBUS connector
C5	C5	Ethernet connector
C6	C6	Powered M12 connector
C7	C7	Powered UN connector

Examples

JMAM	J16+M10 A Side Master
XMBM	No option +M10 B Side Master
JC1AT	J16+C1 A Side Tool

C1XAM : DeviceNet M12 Connector

+No option A Side Master



※ Please Keep in mind that compared to the picture above left and right will be opposite in actual installation