>>> Features

> Diagram

Intuitive software (RT Visual BOX) makes it easy for anyone to operate it

Reducing dramatically design time and start-up time with designated equipments for ASSISTA

Proposing deployment image for ASSISTA by four application scenes



Changes for the Better

>>> Features

>>> Diagram

Plugging and playing with one connector and setting automatically with one click with the exclusive model of ASSISTA

Automatic setup with one click for ASSISTA dedicated hand (RT VisualBox dedicated screen)

Plug and play with one connector if it's an ASSISTA exclusive hand (M 12 exclusive connector)

The dedicated adapter allows easy storag of connectors and cables





Dedicated Hand Adapter





Co-act EGP-C40-N-N-ASSISTA(SCHUNK)
Electric Gripping Hand 885g
(including mounting parts and fingers)
(including norunting solutions)
Gripping Force min,35 N/max,140 N(4 Steps)
Stroke 6×2 mm
en

ripping Hand 916 g mounting parts and fingers) Force min, 50 N/max, 190 N djustable to 140 N) <2 mm



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TA(SCHMALZ) (KIT-ASSISTA-G(GIMATIC) Electric gripping hand and suction pads) (gripping part must be manufac Mass 922 g(including fittings) Gripping Force 98 N Stroke 47.5 v. 2mm



>>> Features

>>> Diagram

Safety function (Torque monitoring/STR) based on TS 15066 realizes safety system

Intrinsic safety design that prevents fingers and hands pinching (Minimum clearance is based on JIS B 9,711)

Rounded outshape design for the purpose of reducing the pressure in collision

Collision detection function by torque monitoring (STR) (ISO/TS 15066 compliant)



>>> Features

>>> Diagram

Safety equipment-free by display mounted on the arm as standard

No need to arrange or design safety equipment (indicator) Easy understanding of the state of the robot with the indicator mounted on the arm



	Color scheme	ISO Standard	Lit	When flashing
1	No	Power OFF	-	-
2	Light blue	-	Servo OFF	Controller startup (Excluding S/W Reset)
3	Red	Emergency stop	Error Occurring (low-level error)	Error Occurring (High Level Error)
4	White	Neutral	-	High-speed operation
5	Yellow	Abnormal	Error Occurring (Warning, slow/normal operation)*	Error Occurring (warnings, high-speed operation)
6	Green	Normal	Cooperative operation (Low Speed Operation)	cooperative operation (Standard Operation)
7	Blue	Force	Stop (Low Speed/Standard Operation)	Stop (High-speed Operation)



>>> Features

>>> Diagram

Safety equipment is eliminated by safety setting including peripheral equipment in RT VisualBox dedicated screen

Safety parameter settings including peripherals can be set and changed in RT VisualBox

No need for dedicated S/W for Safety-PLC and safety programming settings





>>> Features

>>> Diagram

Robot programless by visual programming

Easy visual programming on the tablet screen

You can place program blocks freely by touch. You can scroll, zoom in, zoom out, and drag and drop. Moving, copying, and deleting program blocks is also easy. Touch the program block to display the settings.



