

Accessories and part options

YA Series

Standard accessories

YAP programming box (with 8m cable)

Name	Model	Language
YAP-J	KEN-M5110-0J	Japanese
YAP-E	KEN-M5110-0E	English
YAP-C	KEN-M5110-0C	Chinese

Parts for the YAC100 controller

Name	Model
Power supply connector	KEN-M4871-00
Power supply cable clamp	KEN-M4836-00
Dummy connector for shorting safety signal	KEN-M5370-00
Power supply protection fuse	KEN-M5853-00
Standard I/O connector (STD.IO)	KBH-M4420-00
	KEN-M4420-00

Power cable (robot cable)

Manipulator name	Model	Cable length	Cable diameter		Bending radius
			Signal wire	Power wire	
YA-RJ	KEM-M4710-40	4 m	Signal wire	φ8.5 mm	85.0 mm
			Power wire	φ13.5 mm	140.0 mm
YA-R3F	KEM-M4711-40	4 m	Signal wire	φ17.5 mm	180.0 mm
			Power wire	φ19.5 mm	200.0 mm
YA-R5F/R5LF/R6F	KEM-M4712-40	4 m	Signal wire	φ17.5 mm	180.0 mm
			Power wire	φ19.5 mm	180.0 mm
YA-U5F/U10F	KEM-M4713-40	4 m	Signal wire	φ17.5 mm	180.0 mm
			Power wire	φ16.1 mm	180.0 mm
YA-U20F	KEM-M4714-40	4 m	Signal wire	φ17.5 mm	180.0 mm
			Power wire	φ26.0 mm	260.0 mm

Options

Power cable (robot cable)

Manipulator name	Model			Cable diameter		Bending radius
	Cable length (10 m)	Cable length (15 m)	Cable length (20 m)	Signal wire	Power wire	
YA-RJ	KEM-M4710-A0	KEM-M4710-F0	KEM-M4710-L0	Signal wire	φ8.5 mm	85.0 mm
				Power wire	φ13.5 mm	140.0 mm
YA-R3F	KEM-M4711-A0	KEM-M4711-F0	KEM-M4711-L0	Signal wire	φ17.5 mm	180.0 mm
				Power wire	φ19.5 mm	200.0 mm
YA-R5F/R5LF/R6F	KEM-M4712-A0	KEM-M4712-F0	KEM-M4712-L0	Signal wire	φ17.5 mm	180.0 mm
				Power wire	φ19.5 mm	180.0 mm
YA-U5F/U10F	KEM-M4713-A0	KEM-M4713-F0	KEM-M4713-L0	Signal wire	φ17.5 mm	180.0 mm
				Power wire	φ16.1 mm	180.0 mm
YA-U20F	KEM-M4714-A0	KEM-M4714-F0	KEM-M4714-L0	Signal wire	φ17.5 mm	180.0 mm
				Power wire	φ26.0 mm	260.0 mm

Device cable connector (connector for user wiring)

Manipulator name	Part position	Model	Remarks
YA-RJ	Base side	KEM-M4870-00	
	Arm side	KEM-M4870-10	
YA-R3F	Base side	KEM-M4873-00	
	Arm side	KEM-M4874-00	
YA-R5F/R5LF	Base side	KEM-M4873-10	Two connectors
	Arm side	KEM-M4874-10	Two connectors
YA-R6F	Base side	KEM-M4870-20	
	Arm side	KEM-M4870-30	
YA-U5F	Base side	KEM-M4873-30	
	Arm side	KEM-M4870-40	
YA-U10F	Base side	KEM-M4873-30	
	Arm side	KEM-M4870-50	
YA-U20F	Base side	KEM-M4870-60	
	Arm side	KEM-M4870-40	

Extension cable for YAP (extension cable for programming box)

Name	Model	Cable length
Extension cable for YAP	KEN-M531F-10	4 m
	KEN-M531F-20	8 m
	KEN-M531F-30	12 m

Dummy connector for YAP

Name	Model
YAP dummy connector	KEN-M5163-00

Maintenance parts

Name	Model
Battery unit for YA-RJ/R3F	KEM-M53G3-10
YA-R5F/R5LF/R6F	KEM-M53G3-00
Battery unit for YA-U5F/U10F/U20F	
Battery unit for YAC100 controller	KEN-M53G3-00
AC fan motor	KEN-M6175-00