

A-6 Parts List

Standard robot parts and accessories are provided in the following table.

Item	Part Number	Details	Included
XSYSTEM cable	13323-100	Provides connections and jumpers for a Front Panel, Teach Pendant, and other user-supplied devices.	X
XBELTIO Cable	13463-000	The length of this cable is 600 mm.	
XIO Breakout Cable	04465-000	The length of this cable is 5 m.	
IO Blox Extension Cable (to robot)	04677-030	Extends the connection between the IO Blox and the robot up to 3 m.	
IO Blox Extension Cable (to robot)	04677-003	Extends the connection between the IO Blox and the robot up to 300 mm.	
IO Blox Extension Cable (between units)	04679-030	Extends the connection between IO Blox units up to 3 m.	
IO Blox Extension Cable (between units)	04679-003	Extends the connection between IO Blox units up to 300 mm.	
Encoder Extension Cable	09446-050	Replaces or extends encoder cable up to 5 m.	
Belt Encoder Y-adapter Cable	09443-000	The length of this cable is 3 m.	
USER Connector Cable, Primary/Secondary Interface Panel	18823-100	IP65, 1800 mm, M23 19 pin flying lead	
TIO Connector Cable	19140-100	IP65, 1800 mm, M23 17 pin flying lead	
T20 Pendant Adapter Cable	10051-003	M23 to DB15, 3m	
High Power Connector	22822-100	Includes connector, pins, and retaining clip.	X
Control Power Connector	22822-200	Includes connector and pins.	X
XFP Jumper Plug	10053-000		X
XUSR Jumper Plug	04736-000		X
XMCP Jumper Plug	10052-000		X
T20 Pendant Jumper Plug	10048-000		
Encoder Backup Battery Pack	19238-000F		X
Camera Mounting Bracket	18908-000		
Camera Mounting Adapter	22295-000		
Front Panel Kit	92546-10358	Kit includes front panel and 3 m cable.	X
Tool Flange (standard)	19106-000F		X
Tool Flange (eCobra)	19106-100		
eCobra Mount Adapter	21636-000		
Outer Link Cover (i4-650H)	19211-002F		X
Outer Link Cover (i4-750H, i4-850H)	19227-002F		X
Amplifier Chassis (standard mounting, non-ESD/Cleanroom type)	29905-065F		X

Item	Part Number	Details	Included
Amplifier Chassis (inverted mounting, non-ESD/Cleanroom type)	29915-065F		X
Amplifier Chassis (standard mounting, ESD/Cleanroom type)	29905-200F		X
Amplifier Chassis (inverted mounting, ESD/Cleanroom type)	29915-200F		X
XIO Termination Block and Cable	90356-40100		
T20 Pendant Kit	10046-010	Kit includes the pendant with a 10 m cable, 3 m adapter cable, and a jumper plug.	
T20 Pendant	10054-010	Includes the pendant with a 10 m cable.	
T20 Pendant Wall Bracket	10079-000		
IPC Application Controller	AC1-152000	Includes ACE software pre-installed.	
IO Blox Kit (robot connection)	90356-30200	Includes 300 mm cable to connect directly to the robot.	
IO Blox Kit (IO Blox connection)	90356-30100	Includes 300 mm cable to connect to another IO Blox unit.	
IO Blox Unit	30410-220	Standalone IO Blox unit.	
Joint 3 Quill Standard Grease ^{*1}	90401-04029	NSK Grease, LG 2 type.	
Joint 3 Quill Food-grade Grease ^{*2}	09072-100	Cassida EPS 2 Grease	
i4H Wall Mount Bracket	20089-000		
Harmonic Drive Oil, Standard Type ^{*1}	21947-100F	Mobilgear 600 XP 68, 100 ml (Joint 1)	
	21947-170F	Mobilgear 600 XP 68, 170 ml (Joint 2)	
Harmonic Drive Oil, Food Grade type ^{*2}	20165-100F	Mobil SHC Cibus 68, 100 ml (Joint 1)	
	20165-170F	Mobil SHC Cibus 68, 170 ml (Joint 2)	
Harmonic Drive Oil Change Kit	12370-000F	Kit includes funnel, separator bottle, vacuum pump, reducer, tubing, and instructions.	
Encoder Kit	09742-001	Includes encoder, mounting bracket, and 5 m cable.	
Bellows Installation Kit, Standard	19464-003F	All components for installing bellows on a robot with a Joint 3 quill length of 210 mm are included.	X ^{*3}
Bellows Installation Kit, Long Quill	19464-004F	All components for installing bellows on a robot with a Joint 3 quill length of 410 mm are included.	X ^{*3}
Bellows Replacement, Standard	19464-103F	Replacement upper and lower bellows for a robot with a Joint 3 quill length of 210 mm.	X ^{*3}
Bellows Replacement Kit, Long Quill	19464-104F	Replacement upper and lower bellows for a robot with a Joint 3 quill length of 410 mm are included.	X ^{*3}
Cable Seal Kit, Standard Robot	08765-000	All components for replacing the Cable Seal for a standard robot are included.	X ^{*4}
Cable Seal Kit, Inverted Robot	08765-200	All components for replacing the Cable Seal for an inverted robot are included.	X ^{*4}

Item	Part Number	Details	Included
Pneumatic Valve Kit	19165-000	All components for adding robot-controlled pneumatic valves.	
Control Power Kit	23912-000	Includes a power supply and DC cabling.	

*1. Use with IP20 (standard) models only.

*2. Use with IP20 (Food Grade) or IP65 models only. Not for use with IP20 (standard) or Cleanroom models.

*3. IP65 and Cleanroom / ESD models only.

*4. IP65 models only.