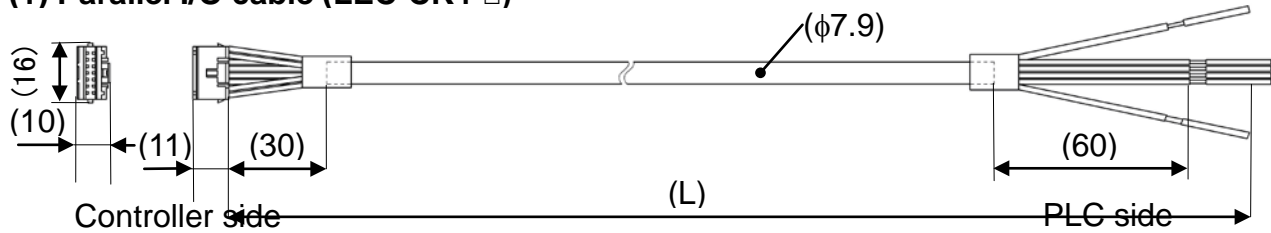


## 6.3 Parallel input / output signal

### (1) Parallel I/O cable (LEC-CK4-□)



Item	Specifications
Connector	Manufacturer: J.S.T. Mfg. Co.,Ltd. Manufacturer: J.S.T. Mfg. Co.,Ltd. Product number :PADP-14V-1-S
Cross sectional area of the cable	AWG26
Length (L)	The suffix of the part number (1,3,5) specifies the length. LEC-CK4-1: 1.5 m, LEC-CK4-3: 3 m, LEC-CK4-5: 5 m

### (2) Details of input/output signal

Terminal No.	Insulation color	Dot Mark	Dot color	Function	Contents								
1	Light brown	■	Black	COM+	Connect the 24V side of the power supply (24VDC) for input / output signal.								
2	Light brown	■	Red	COM—	Connect the 0V side of the power supply (24VDC) for input / output signal.								
3	Yellow	■	Black	OUT0	Operation completion output (Output with the combination of OUT0 to 3) Example: (Output the operation completion of position No. 3) <table><tr><td>OUT3</td><td>OUT2</td><td>OUT1</td><td>OUT0</td></tr><tr><td>OFF</td><td>OFF</td><td>ON</td><td>ON</td></tr></table>	OUT3	OUT2	OUT1	OUT0	OFF	OFF	ON	ON
OUT3	OUT2	OUT1	OUT0										
OFF	OFF	ON	ON										
4	Yellow	■	Red	OUT1									
5	Light green	■	Black	OUT2									
6	Light green	■	Red	OUT3									
7	Grey	■	Black	BUSY	BUSY signal (Output during operation)								
8	Grey	■	Red	ALARM	ALARM signal N.C. (Turned off during alarm is being generated or when servo is turned off)								
9	White	■	Black	IN0	- Operation command input (Input with the combination of IN0 to IN3) <sup>Note 1</sup> - Return to origin command input (Turn on IN0 to 3 simultaneously) Example: (Commands position No. 5 to operate) <table><tr><td>IN3</td><td>IN2</td><td>IN1</td><td>IN0</td></tr><tr><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td></tr></table>	IN3	IN2	IN1	IN0	OFF	ON	OFF	ON
IN3	IN2	IN1	IN0										
OFF	ON	OFF	ON										
10	White	■	Red	IN1									
11	Light brown	■■	Black	IN2									
12	Light brown	■■	Red	IN3									
13	Yellow	■■	Black	RESET	Interruption or alarm reset During operation: The speed is reduced from the point where signal is input until the actuator stops. (Servo stays ON) Alarm is being generated: Alarm reset								
14	Yellow	■■	Red	STOP	STOP command (Sudden deceleration to turn off servo)								

\* Parallel I/O signal is valid in auto mode. STOP signal is valid in auto mode and manual mode. During manual mode, input signals except STOP is invalid. All output signals are OFF.  
During manual mode testing, output signals are valid (input signals other than STOP are invalid).