

4

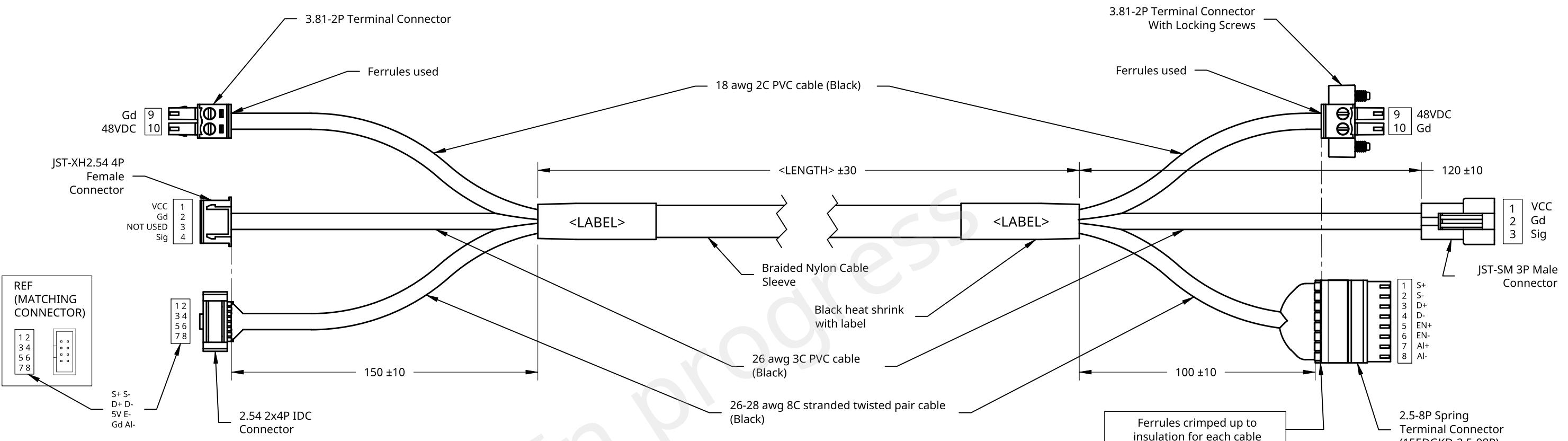
3

2

1

D

D



PIN ASSIGNMENT

CABLE SET	PIN (LH SIDE)	PIN (RH SIDE)	Notes
POWER	9	10	Gd uses black cable, 48VDC uses red cable
	10	9	
SENSOR SIGNAL	1	1	VCC use brown cable, Gd uses blue cable, Sig uses black cable
	2	2	
	3 (NOT USED)	N/A	
	4	3	
MOTOR SIGNAL	1	1	Pins 1/2, 3/4, 5/6, and 7/8 for 8C cable use twisted pair cables
	2	2	
	3	3	
	4	4	
	5	5	
	6	6	
	7	8	
	8	7	

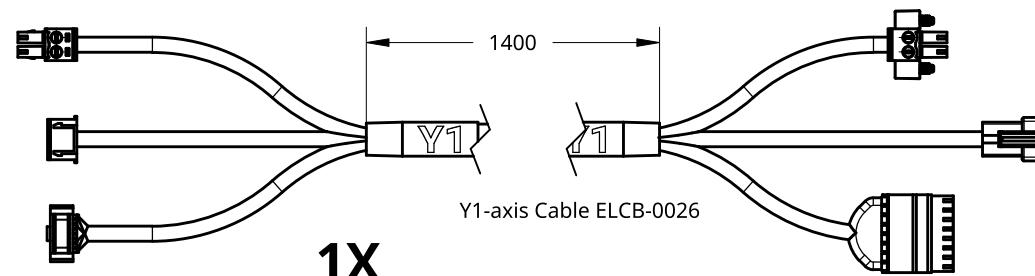
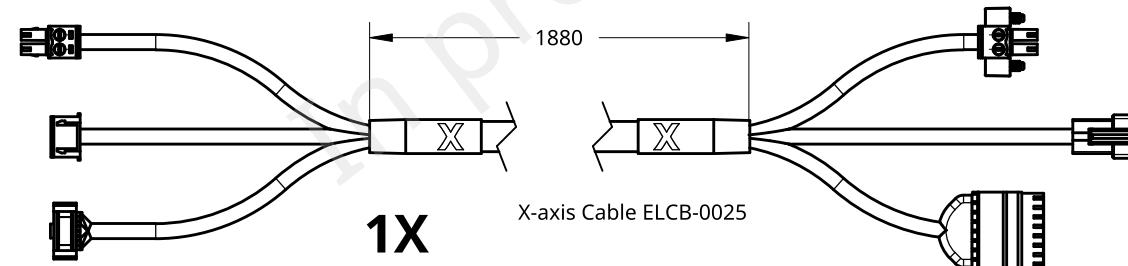
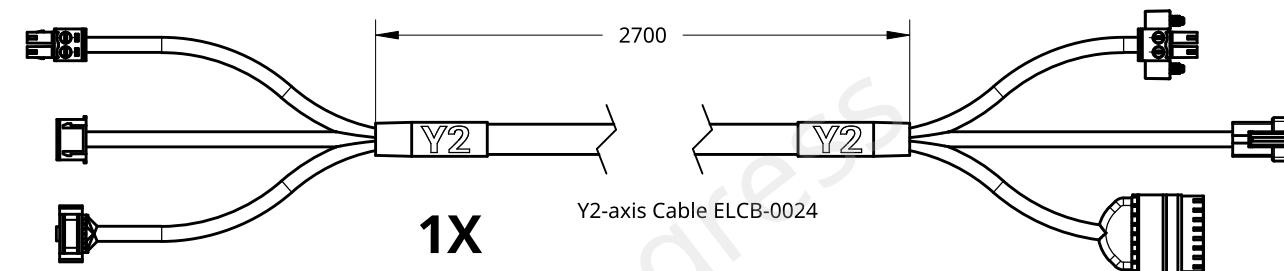
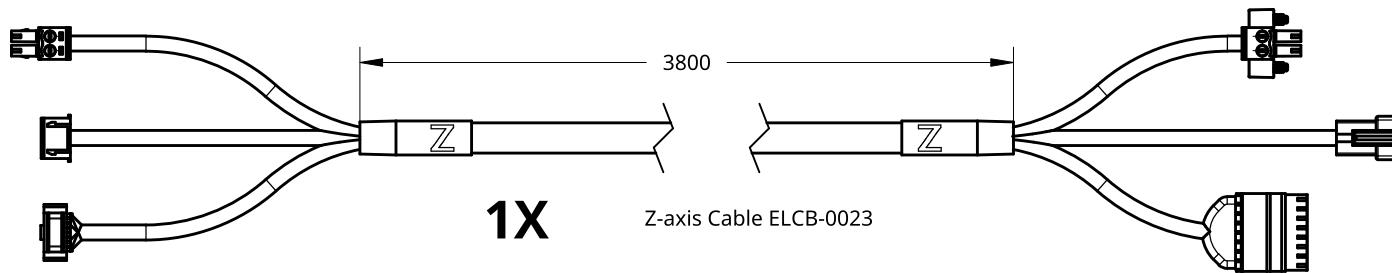
NOTES:

PACKAGE 1 PCS OF EACH CABLE
TYPE PER BAG, FOR 4 PCS PER
BAG TOTAL

QTY PER SET	NAME	<LABEL>	<LENGTH>	PART NUMBER
1	Z-axis Cable	Z	3800mm	ELCB-0023
1	Y2-axis Cable	Y2	2700mm	ELCB-0024
1	X-axis Cable	X	1880mm	ELCB-0025
1	Y1-axis Cable	Y1	1400mm	ELCB-0026
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS				
ANGULAR = ± 0.5° LINEAR = x.x ± 0.1 x.xxx ± 0.01 x.xxxx ± 0.005				
DRAWN	DANIEL WONG	DATE DD/MM/YYYY	09/12/2024	SIENCI LABS
CHECKED		10/12/2025		Phone: 1-855-220-1231 Address: 120 Randall Dr Unit 1D, Waterloo, ON N2V 1C6
APPROVED	Quality Assurance			TITLE ALTMILL
DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS				
THIRD ANGLE PROJECTION				
MATERIAL	FINISH	AS MACHINED		4X2 INTEGRATED MOTOR CABLE SET
SIZE B	DWG NO.	ELCB-0027		ELCB-0027
SCALE 1:1	WEIGHT		REV.	ELCB-0027-R1D4
SHEET 1 of 3				

2

1



Rev. #	Changes	Date DD/MM/YYYY
1	Initial part drawing made	09/12/2024
2	Added colour callout for sensor cables, updated JST SM and JST XH connector type callout, changed name to '2x4 Integrated Motor Cable', previously was '4x2 Integrated Motor Cable'	16/12/2024
3	Pin assignment for 7, 8 swapped for correction, X length increased to 1900mm, Z length increased to 3850mm	24/02/2025
4	X length reduced to 1880mm, Z length reduced to 3800mm, sensor cable spec'd to 26awg	20/03/2025

In progress



B

A