Cable Selection

Cable Drawing: DM1-G60xxW 双轴 General常规型（CANopen & Modbus & Pulse）

Accessory Specification Sheet						
Line Length	**Interface Number**	**Instructions**	**Number of Interfaces /per axis**	**Accessory Specifications**	**Accessory Ordering Encoding**	**Remarks**
1m	J5 & J10	CANopen / Modbus	1	Cable Assembly - DN Series - Bus Communication Cable - 1m - AWG28*6 Core Cable - Cut	15310239	
			1	Cable Assembly - DN Series - Communication Cascade Cable - 1m - AWG28*6	15310295	
	J4	Encoder 1	1	Cable Assembly - DN Series - Differential Encoder Cable - 1m - AWG28 * 12 Core Cable - Cut	15310231	
	J7	Encoder 2	1	Cable Assembly - DN Series - Hall Cable - 1m - AWG28*10 Core Cable - Cut	15310235	
	J8	Brake	1	Cable Assembly - DN Series - Brake Cable - 1m - AWG26*3 Core Cable - Cut	15310227	
	J3	Debug Interface	1	Cable Assembly - Mini USB Cable - 1m - Mini USB - Shielded Cable - USB	15310082	
	J6	Pulse / Control Signal	1	Cable Assembly - DN Series - IO Cable - 1m - AWG28*32 Core Cable - Cut	15310243	
	Motor	Motor power line	1	Cable Assembly - DN Series - Motor Cable - 1m - AWG15*4 Core Cable - Cut	15310271	20A peak and below (1.5 square cable)
	Power	Power Supply	1	Cable Assembly - DN Series - Power Cable - 1m - AWG15*3 Core Cable - Cut	15310267	
3m	J5 & J10	CANopen / Modbus	1	Cable Assembly - DN Series - Bus Communication Cable - 3m - AWG28*6 Core Cable - Cut	15310240	
			1	Cable Assembly - DN Series - Communication Cascade Cable - 3m - AWG28*6	15310296	
	J4	Encoder 1	1	Cable Assembly - DN Series - Differential Encoder Cable - 3m - AWG28*12 Core Cable - Cut	15310232	
	J7	Encoder 2	1	Cable Assembly - DN Series - Hall Cable - 3m - AWG28*10 Core Cable - Cut	15310236	
	J8	Brake	1	Cable Assembly - DN Series - Brake Cable - 3m - AWG26*3 Core Cable - Cut	15310228	
	J3	Debug Interface	1	Cable Assembly - Mini USB Cable - 3m - Mini USB - Shielded Cable - USB	15310005	
	J6	Pulse / Control Signal	1	Cable Assembly - DN Series - IO Cable - 3m - AWG28 * 32 - Core Cable - Cut	15310244	

	Motor	Motor power line	1	Cable Assembly - DN Series - Motor Cable - 3m - AWG15*4 Core Cable - Cut	15310272	20A peak and below (1.5 square cable)
	Power	Power Supply	1	Cable Assembly - DN Series - Power Cable - 3m - AWG15*3 Core Cable - Cut	15310268	
5m	J5 & J10	CANopen / Modbus	1	Cable Assembly - DN Series - Bus Communication Cable - 5m - AWG28*6 Core Cable - Cut	15310241	
			1	Cable Assembly - DN Series - Communication Cascade Cable - 5m - AWG28*6	15310297	
	J4	Encoder 1	1	Cable Assembly - DN Series - Differential Encoder Cable - 5m - AWG28*12 Core Cable - Cut	15310233	
	J7	Encoder 2	1	Cable Assembly - DN Series - Hall Cable - 5m - AWG28*10 Core Cable - Cut	15310237	
	J8	Brake	1	Cable Assembly - DN Series - Brake Cable - 5m - AWG26*3 Core Cable - Cut	15310229	
	Power	Power Supply	1	Cable Assembly - DN Series - Power Cable - 5m - AWG15*3 Core Cable - Cut	15310269	square cable)
10m	J5 & J10	CANopen / Modbus	1	Cable Assembly - DN Series - Bus Communication Cable - 10m - AWG28*6 Core Cable - Cut	15310242	
			1	Cable Assembly - DN Series - Communication Cascade Cable - 10m - AWG28*6	15310298	
	J4	Encoder 1	1	Cable Assembly - DN Series - Differential Encoder Cable - 10m - AWG28*12 Core Cable - Cut	15310234	
	J7	Encoder 2	1	Cable Assembly - DN Series - Hall Cable - 10m - AWG28 * 10 - Core Cable - Cut	15310238	
	J8	Brake	1	Cable Assembly - DN Series - Brake Cable - 10m - AWG26*3 Core Cable - Cut	15310230	
	J3	Debug Interface	1	Cable Assembly - Mini USB Cable - 10m - Mini USB - Shielded Cable - USB	15310019	
	J6	Pulse / Control Signal	1	Cable Assembly - DN Series - IO Cable - 10m - AWG28*32 Core Cable - Cut	15310246	
	Motor	Motor power line	1	Cable Assembly - DN Series - Motor Cable - 10m - AWG15*4 Core Cable - Cut	15310274	20A peak and below (1.5 square cable)
	Power	Power	1	Cable Assembly - DN Series - Power	15310270	

If you need to make your own cable, the terminal model at the drive board end can be found in DM1-G60xxW 双轴 General常规型（CANopen & Modbus & Pulse）接线引导与规范, or DM1-G60xxQ 四轴 General常规型（CANopen & Modbus & Pulse）接线引导与规范 document. Please strictly compare the terminal pin descriptions in the document and connect the wires correctly.

		Supply		Cable - 10m - AWG15^3 Core Cable - Cut		