

Compatibility

Product	Model	BD23 spec
Control box	T-control, CS1, CS2, CB3T, CB4M, CBT2	<ul style="list-style-type: none"> • Without positioning sensor • With Moteck F-type 4-pin DIN plug
	CF11H, CF12H	<ul style="list-style-type: none"> • Without positioning sensor • With Moteck L3-type minifit 6-pin plug
Hand control	Depend on control box	<ul style="list-style-type: none"> • Powered by control box
	HS15	<ul style="list-style-type: none"> • With Moteck S-type DIN 41529 male plug ⁽¹⁾
	HB, TPSL, HS02, HZ02, HZ03, HZ04, HZ05, HZ06	<ul style="list-style-type: none"> • With Moteck direct-cut power cable DL1 ⁽²⁾
Accessory	Power adapter: DPA-58-2920-C8 (formerly TSW1), DPA-87-2930-C6 (formerly TSW3), WPA-29-2910-NA (formerly TSW4), DPA-87-2930-C8	<ul style="list-style-type: none"> • With Moteck direct-cut power cable DL1
Seating frame (Not included in Moteck product scope)	6054	<ul style="list-style-type: none"> • BD23-B2-24-N4-175.475-R4
	5181	<ul style="list-style-type: none"> • BD23-C2-24-W6-156.360-F4
	368TX	<ul style="list-style-type: none"> • BD23-R2-24-N4-156.360-F4


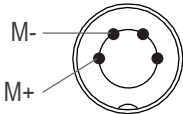

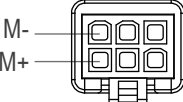


Remarks:

(1) The S-type DIN 41529 plug of the actuator is connected to the HS15 hand control directly, no control box.

(2) The actuator is connected to the hand control through the DL1 cable directly, no control box.

Cable Plug

A. Connecting control devices that provide power

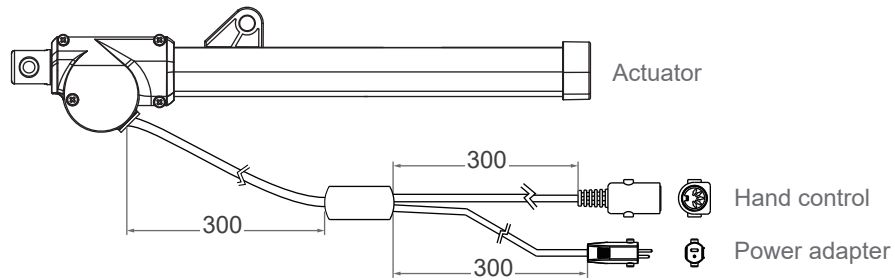
Without positioning feedback	
 <p>Moteck F-type DIN male plug</p>	 <p>4p2c</p>
 <p>Moteck L3-type Minifit male plug</p>	 <p>6p2c</p>
 <p>Moteck S-type DIN 41529 male plug</p>	 <p>2p2c</p>

Note: Connect M1+ to "Vdc +" & M1- to "Vdc -" of DC power to extend the M1 actuator.
Switch the polarity of DC input to retract it.

B. Connecting control devices that DO NOT provide power

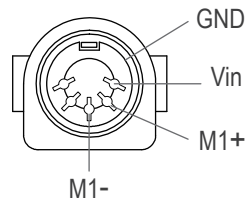
1. Cable solution

- With direct-cut power cable DL1



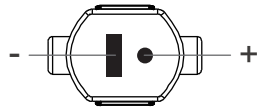
2. Hand control connector: Moteck U-type DIN 5-pin female connector

- 1 drive



Note: Connect M1+ to "Vdc +" & M1- to "Vdc -" of DC power to extend the M1 actuator. Switch the polarity of DC input to retract it.

3. Power connector: Moteck S-type DIN 41529 2-pin male plug



Cable with Flying Leads

- Basic, without positioning feedback.

	Wire color	Definition	Descriptions
Power wires	White	DC Power	Connect white wire to "Vdc +" & black wire to "Vdc -" of DC power to extend the actuator. Switch the polarity of DC input to retract it.
	Black		

Ordering Key

BD23 - R 2 - 24 - N4 - 133 - 363 - R A

Front connector type (Refer to Page 3 & 4)	B: B-type plastic slider block C: C-type plastic slider block R: R-type plastic slider block
Rear connector type (Refer to Page 4)	2: Metal
Input voltage	24: 24V DC
Motor and Spindle type	N4: 4500rpm, 4mm pitch W6: 5500rpm, 6mm pitch
Retracted length (Refer to Page 3)	XXX
Extended length (Refer to Page 3)	XXX
Location of cable outlet (Refer to Page 4)	F: Front end outlet R: Rear end outlet (B-type plastic nut must choose rear end outlet)
Cable length	0: 300mm straight 1: 1000mm straight 2: 450mm long with 300mm spiral A: Direct-cut power cable DL1 (Refer to Page 7)