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ABB Engineering (Shanghai) Ltd
No.4528, Kangxin Highway, Kangqiao Town
Pudong New District, Shanghai, 201319
P.R.China

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Drawing number : 3HAC081880-003
Drawing version : 00
Date :

Customer :
Year of construction :

Drawn by : CNXILI49
Number of pages : 15

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TITLE PAGE

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Valid for:

This circuit diagram is valid for the following cable harness & board unit assemblies:

Harness for Robot:

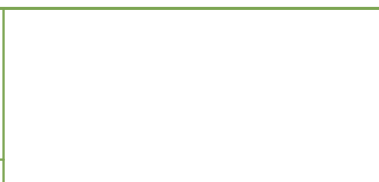
- 3HAC081764-004 Main harness S, basic
- 3HAC081764-005 Main harness S, basic+C1+Air
- 3HAC081764-006 Main harness S, basic+C1+C2+Air
- 3HAC081764-007 Main harness L, basic
- 3HAC081764-008 Main harness L, basic+C1+Air
- 3HAC081764-009 Main harness L, basic+C1+C2+Air

- 3HAC081777-004 Process Hub, Basic
- 3HAC081777-005 Process Hub, Basic+C1+Air
- 3HAC081777-006 Process Hub, Basic+C1+C2+Air

Board unit for Robot:

- 3HAC063968-001 SMB Unit
- 3HAC044075-001 Battery Unit

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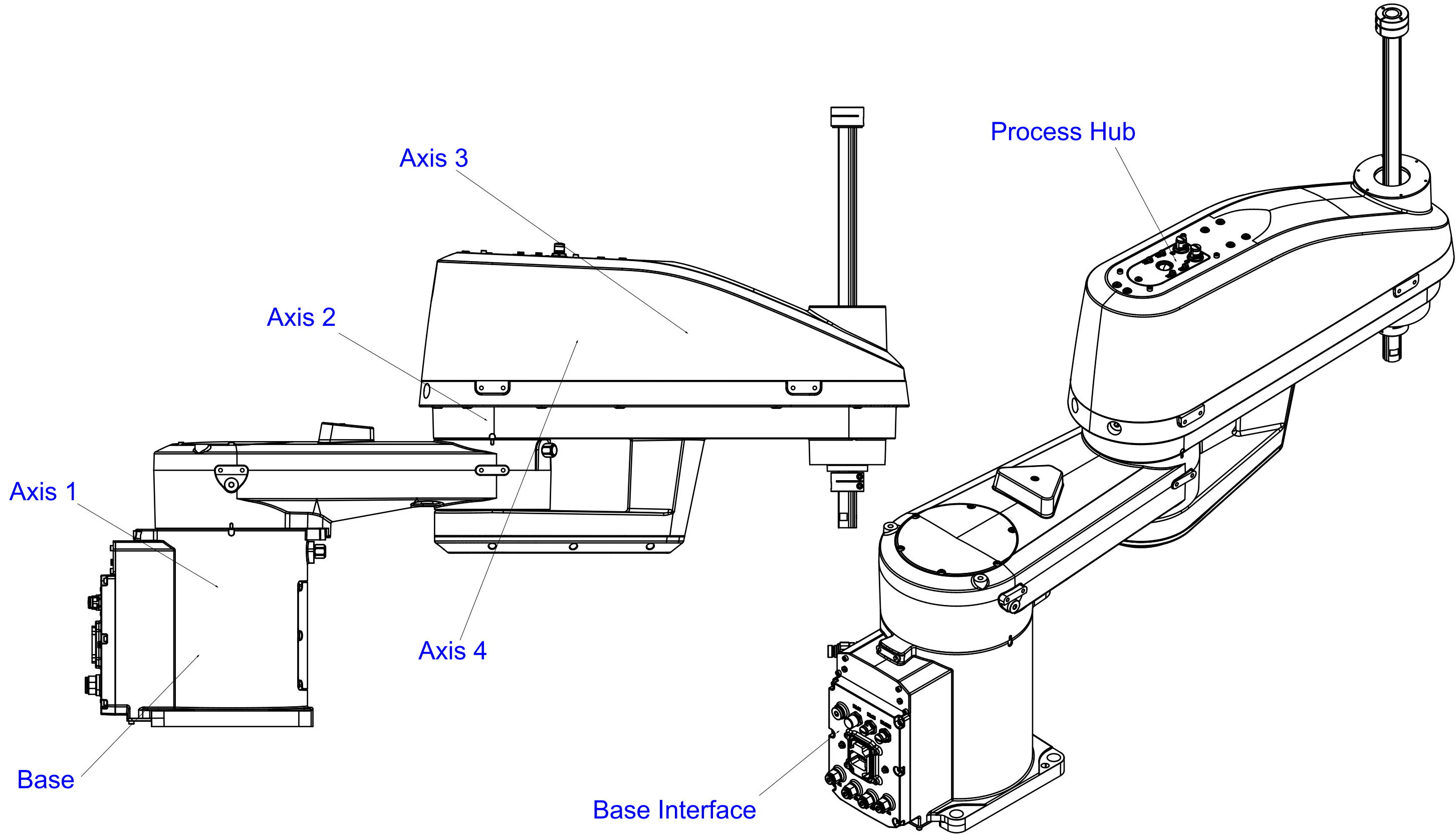
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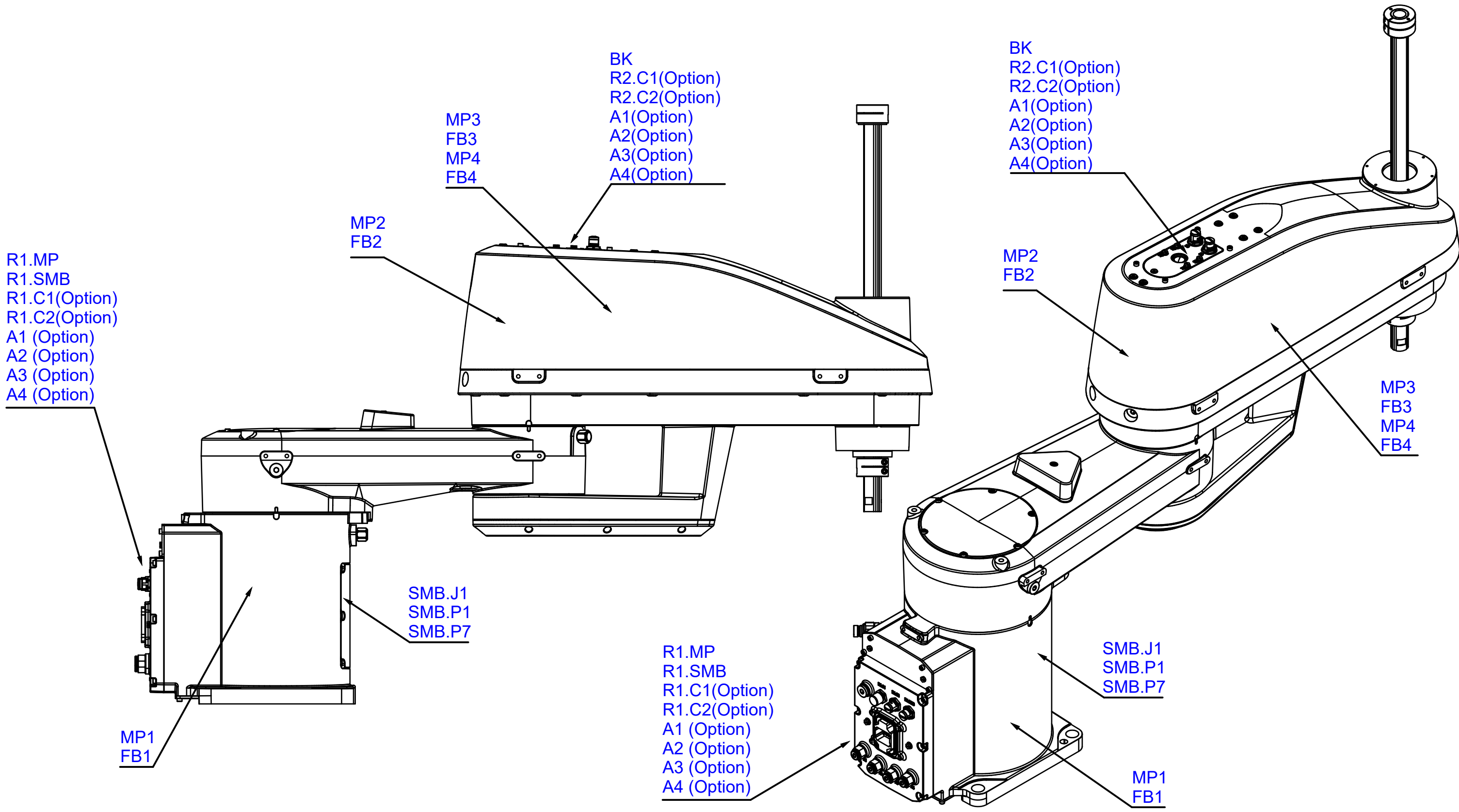


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SYSTEM OVERVIEW

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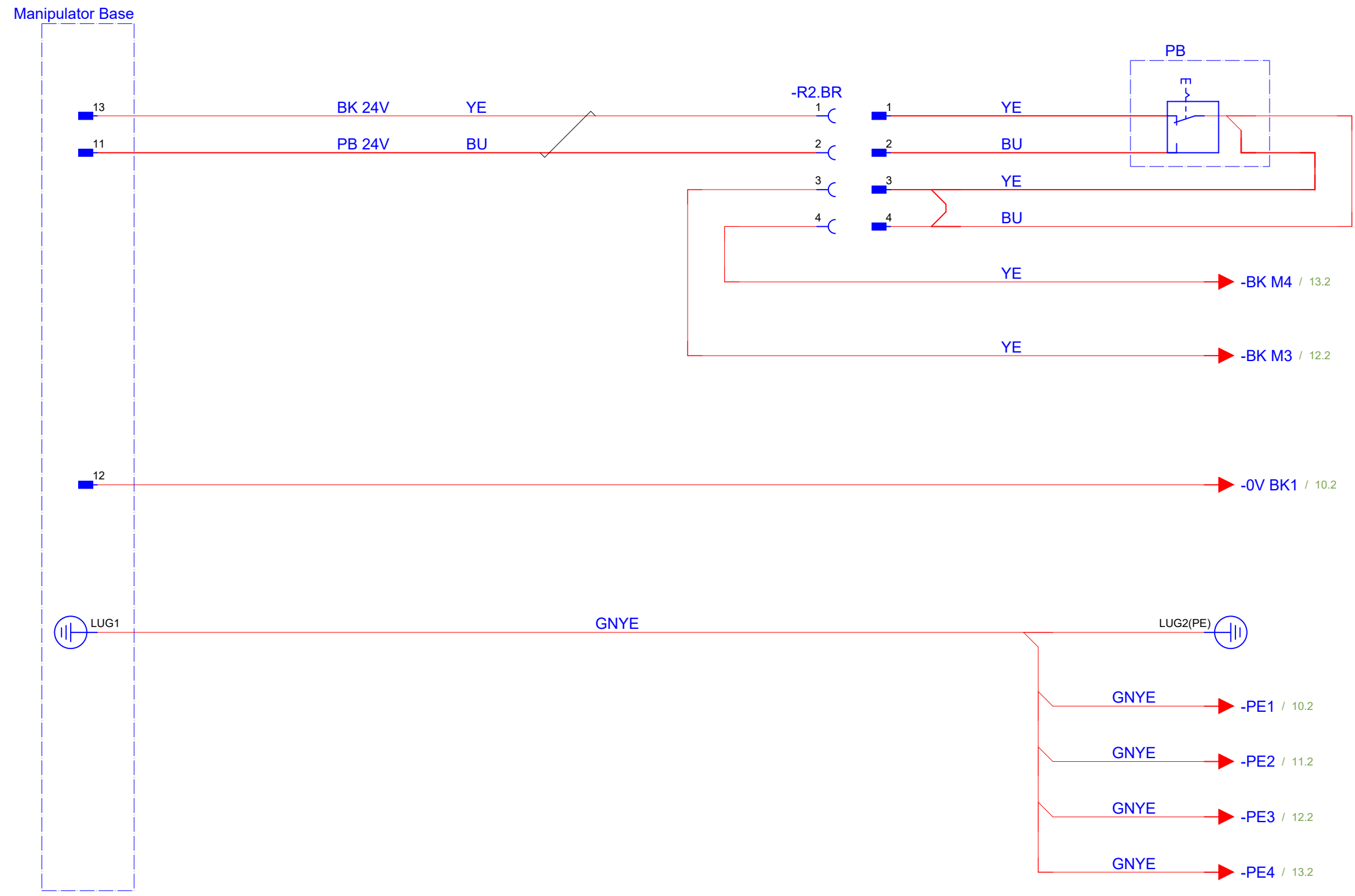


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CONNECTION POINT LOCATION

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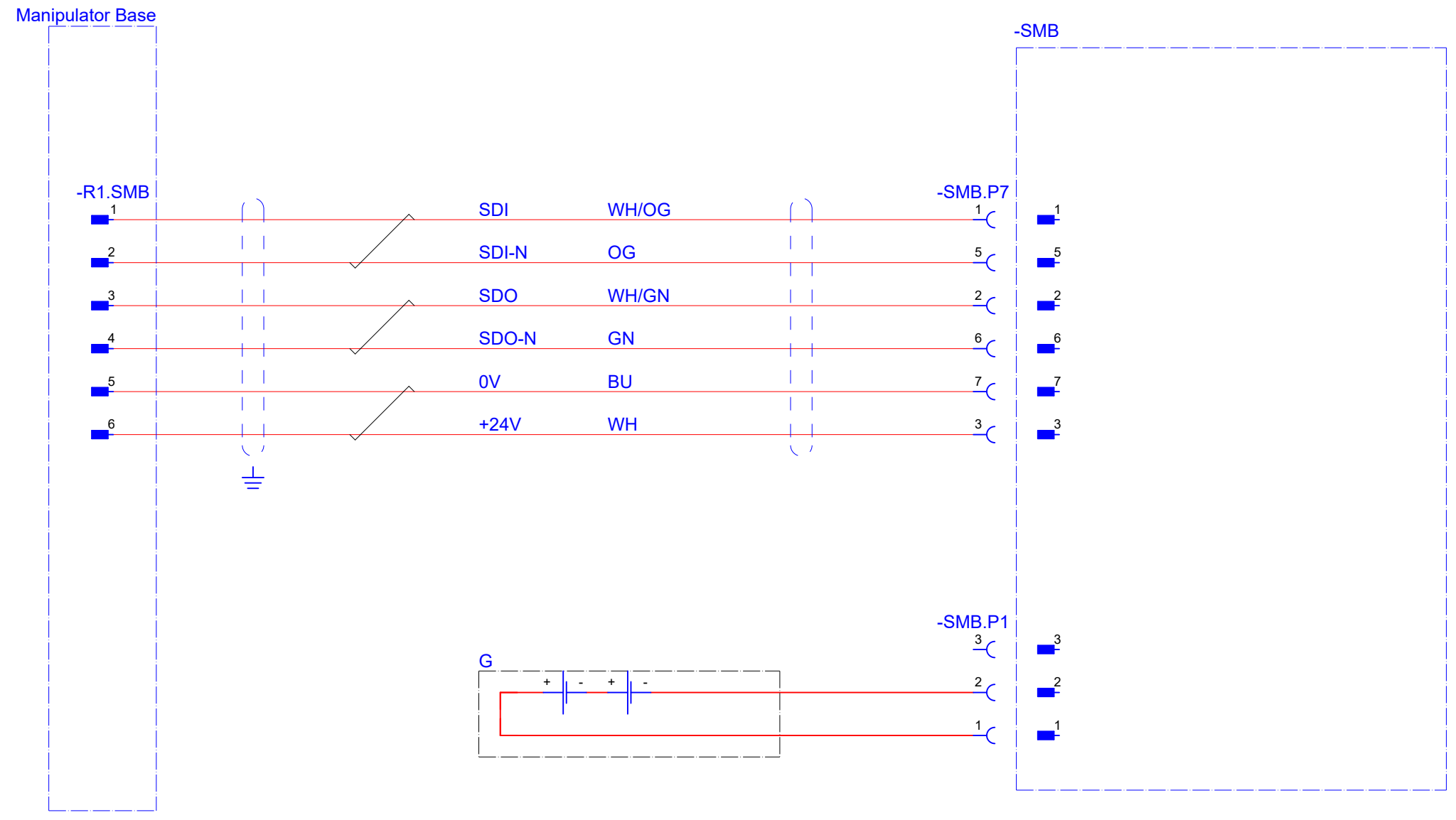
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BRAKE RELEASE UNIT

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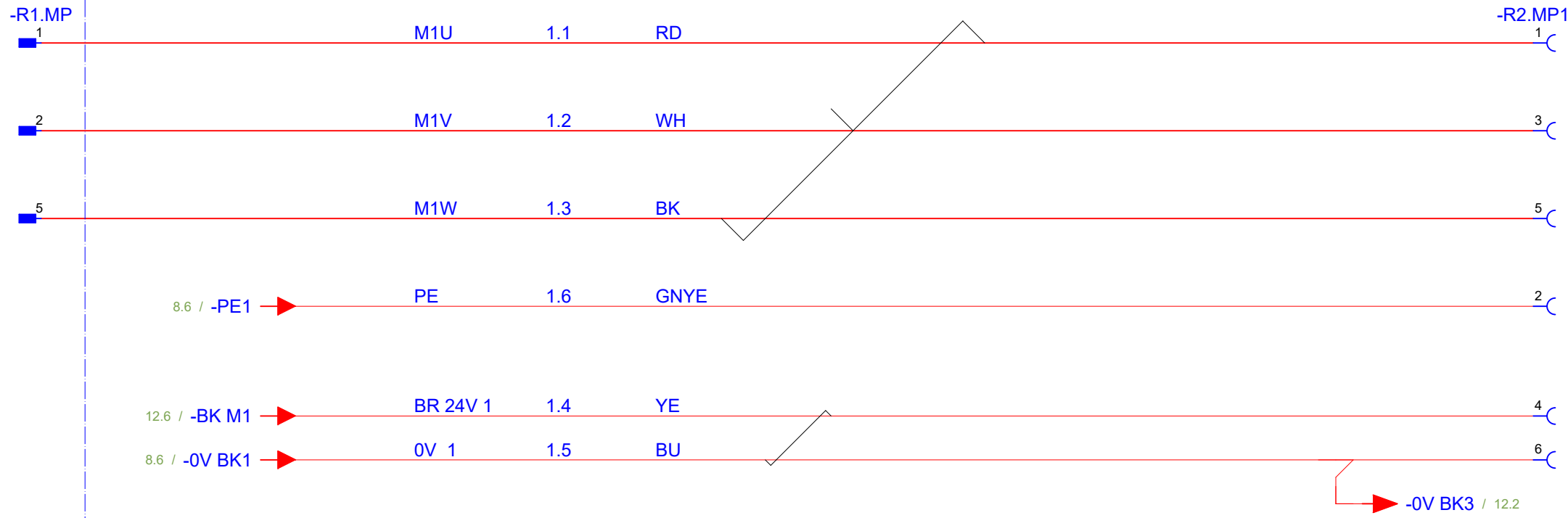
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SERIAL MEASUREMENT BOARD

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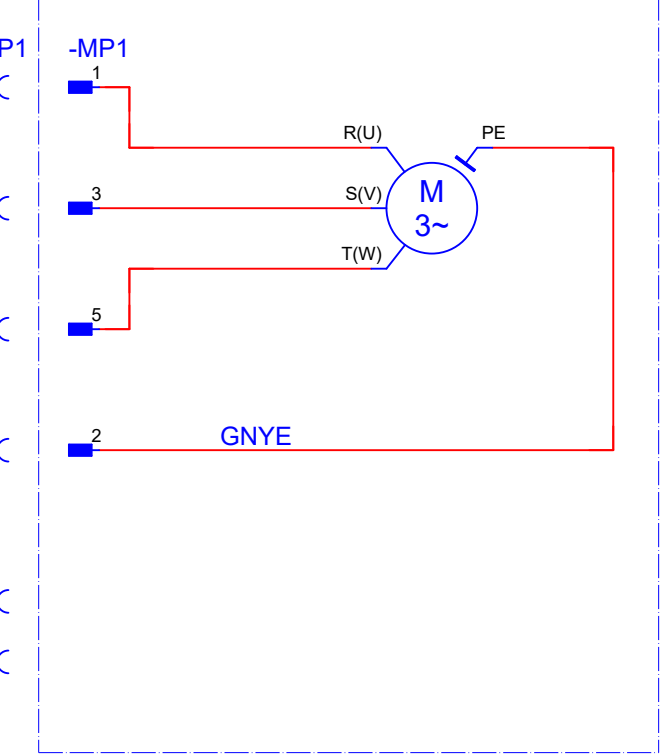
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Manipulator Base



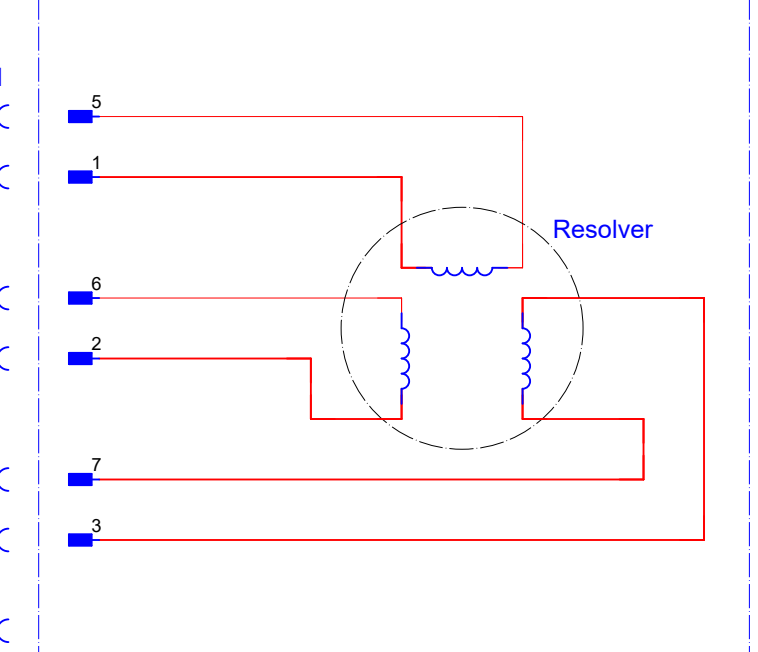
-M1



-SMB



-FB1



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AXIS 1

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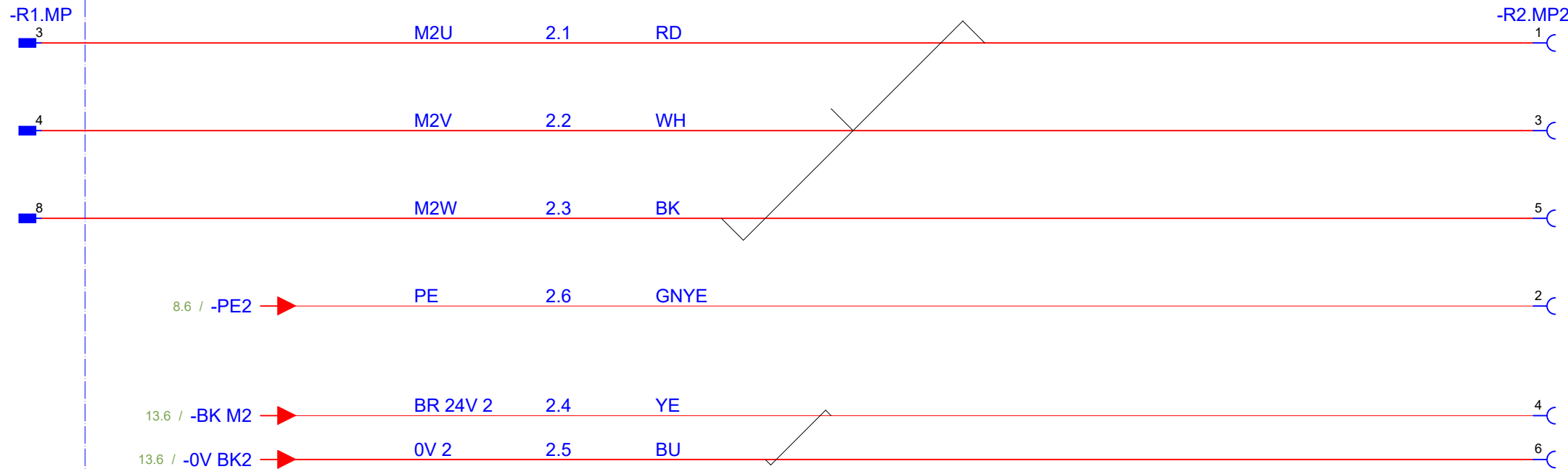
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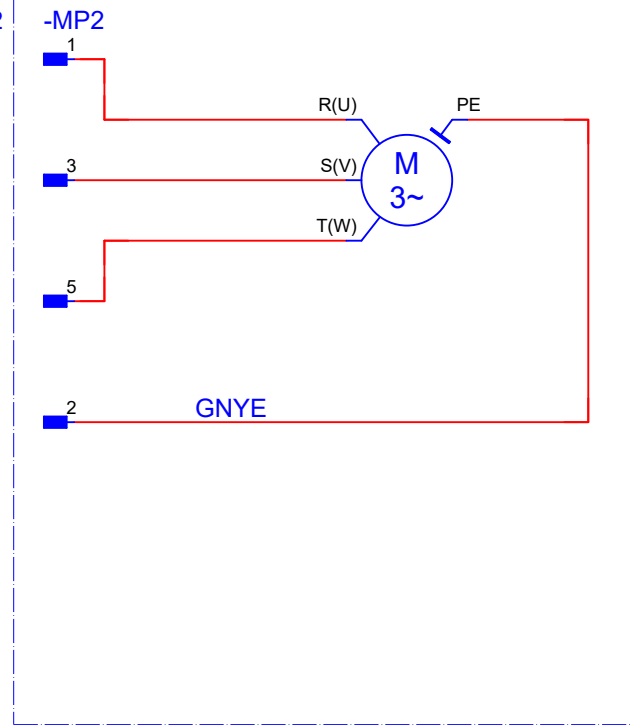
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Manipulator Base



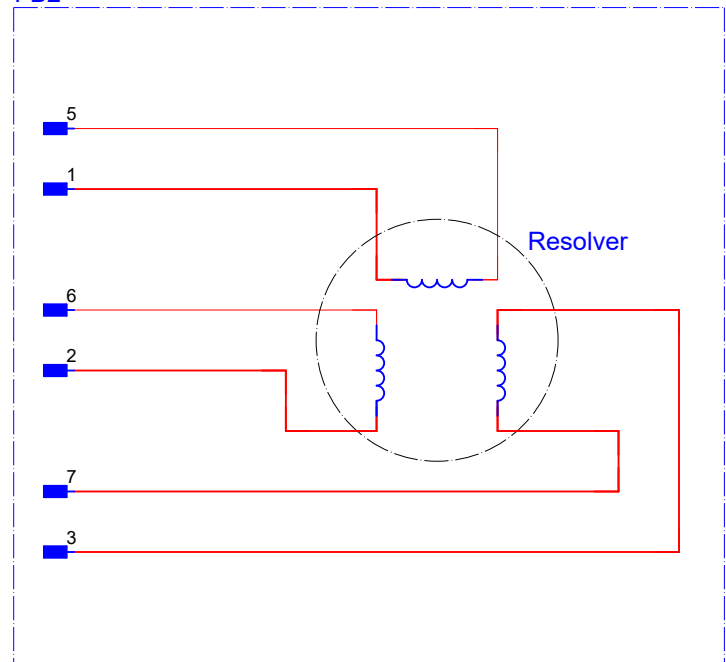
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-SMB



-FB2



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AXIS 2

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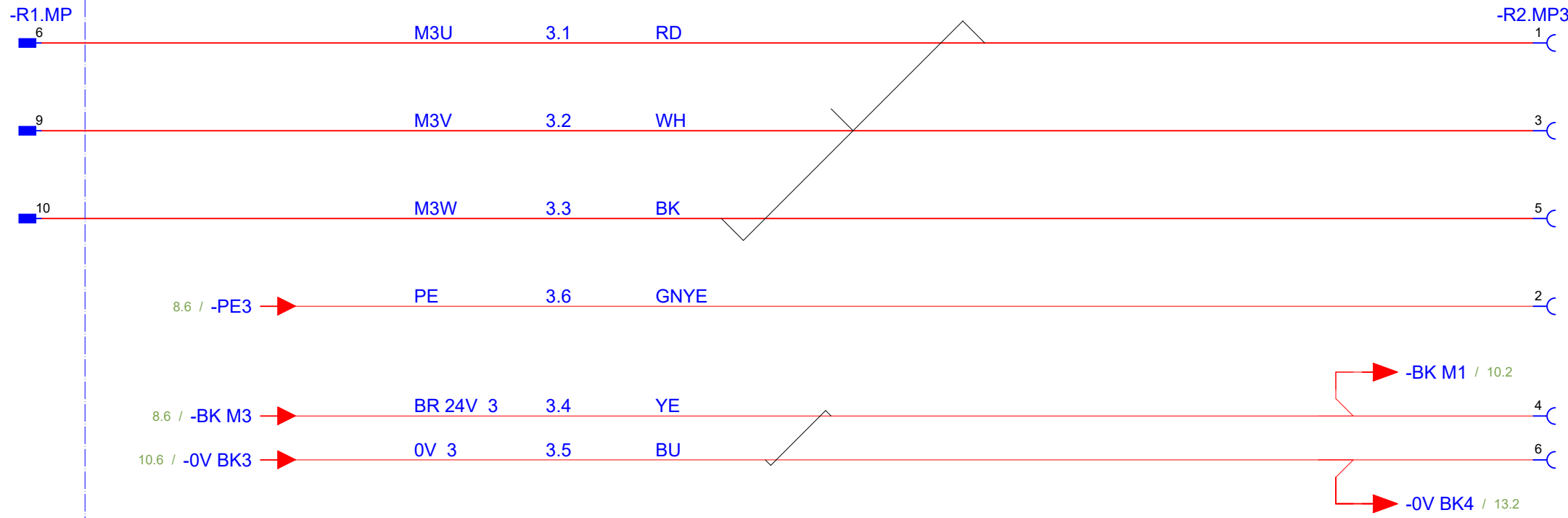
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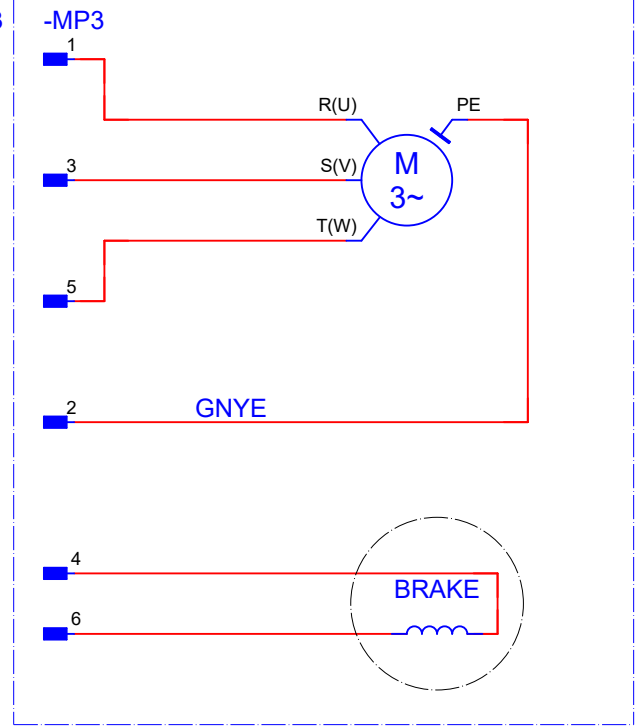
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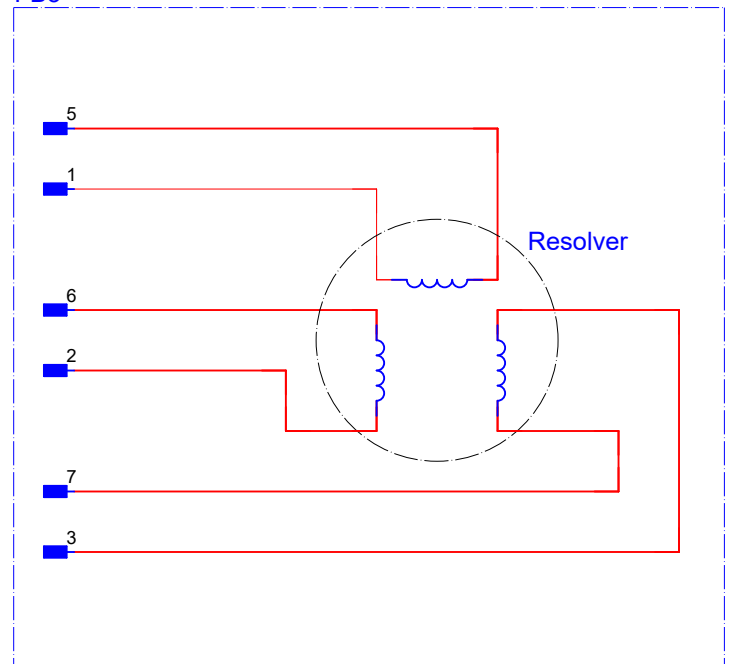
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-SMB



-FB3



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AXIS 3

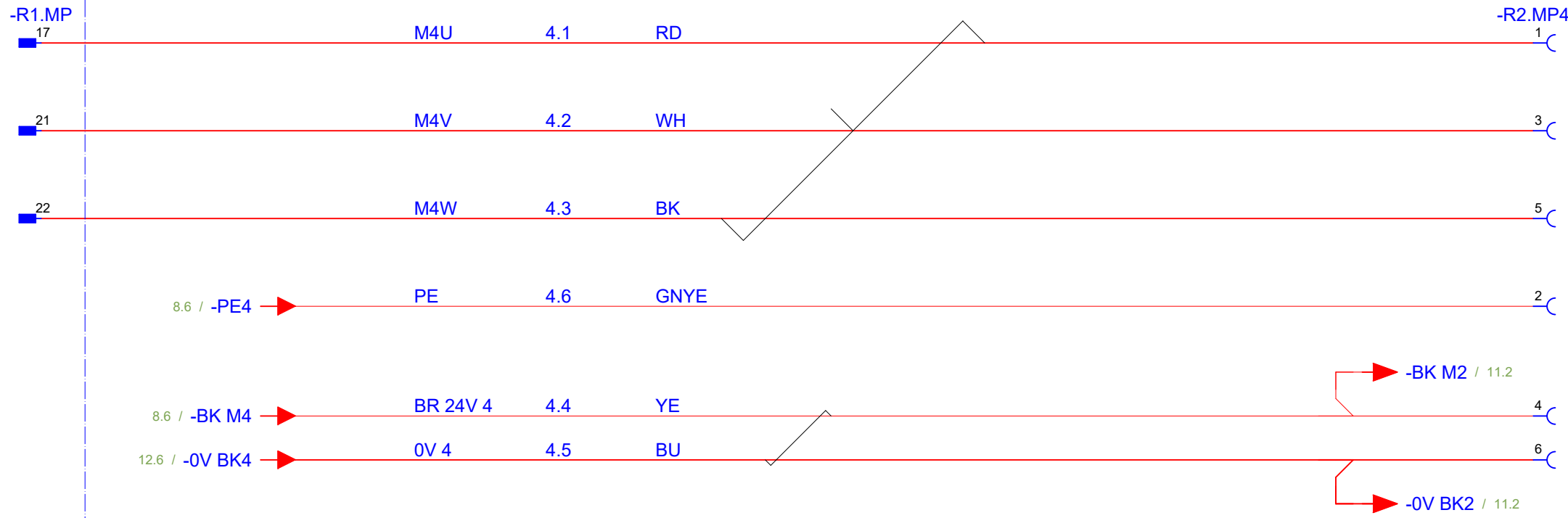
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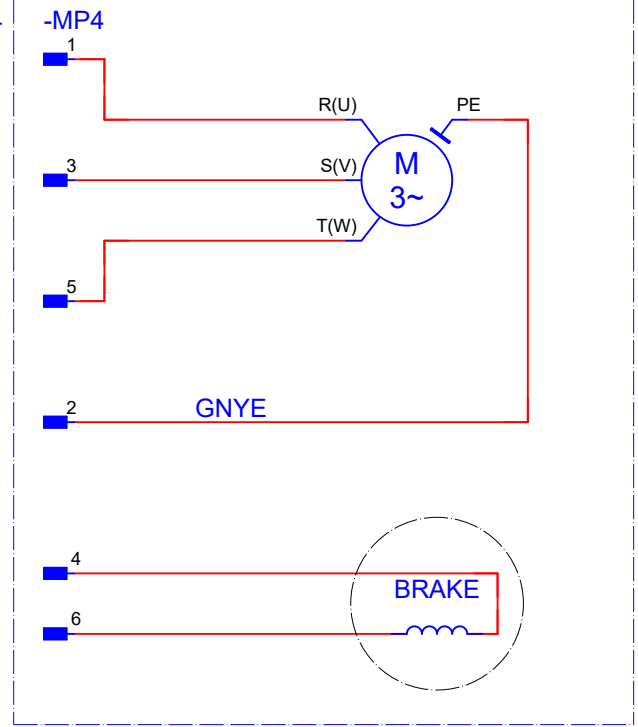
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Manipulator Base



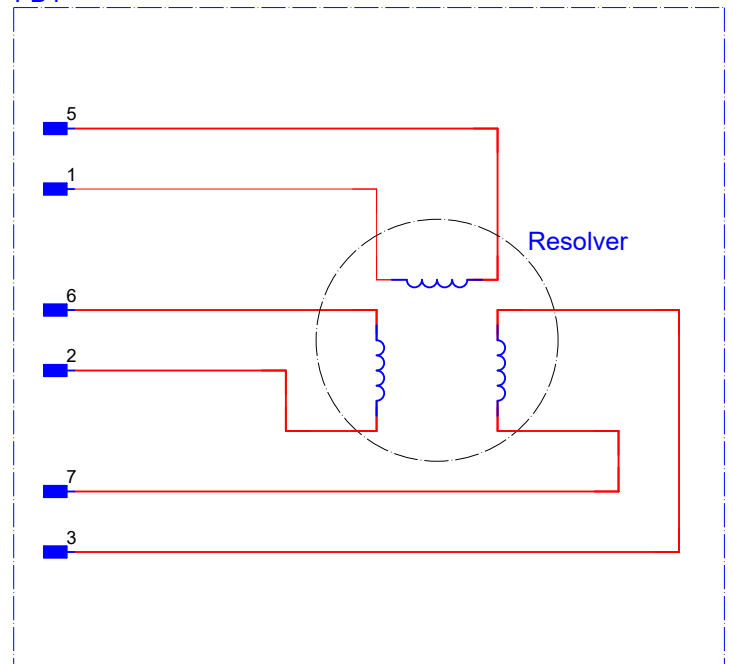
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-SMB



-FB4



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AXIS 4

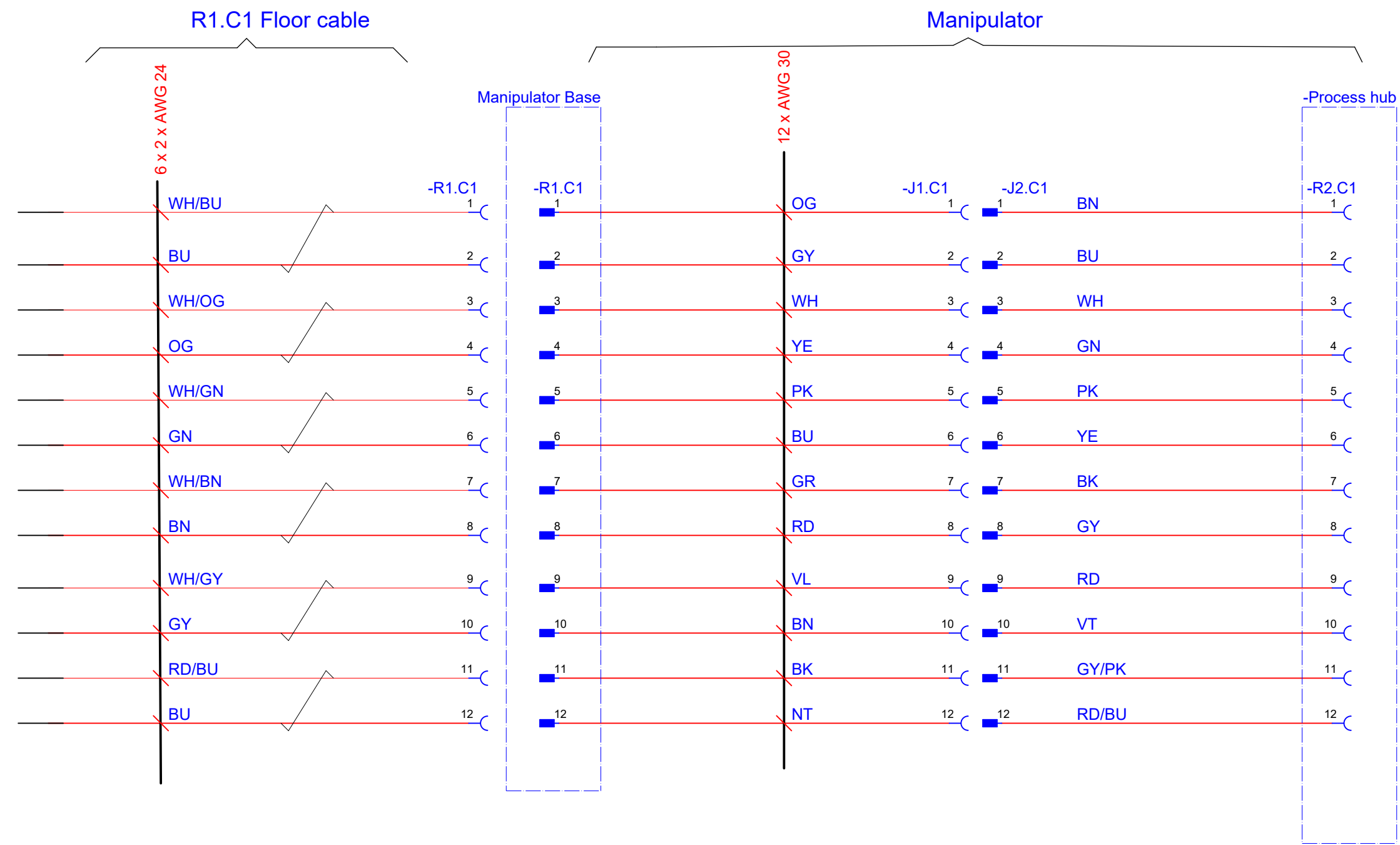
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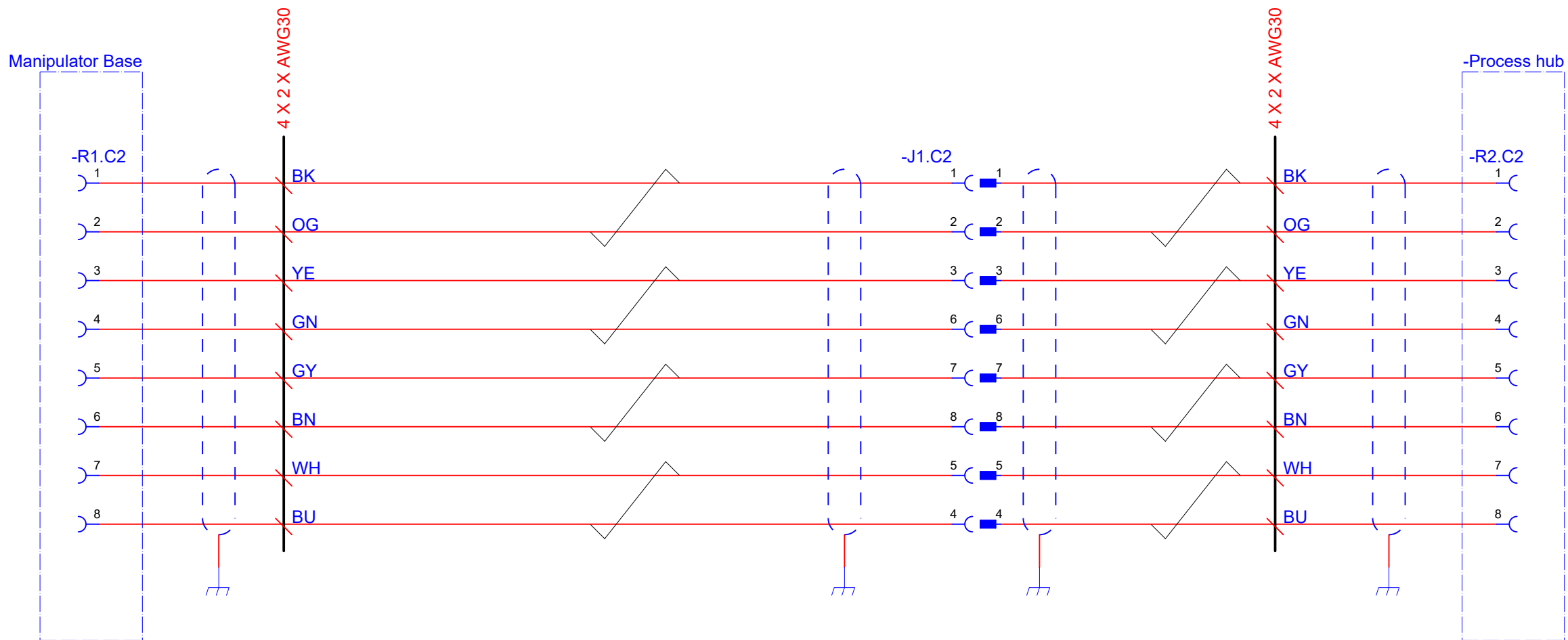
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Free end wire



Note : 1) Maximum rating in each C1 wire: 30V, 1.5A. Stresses above the limitation may cause permanent damage to the manipulator.

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Note : 1): Ethernet cable connecting instruction 3HAC063936-005

2):Maximum rating in each C2 wire: 30V, 1A (when not using for Ethernet). Stresses above the limitation may cause permanent damage to the manipulator.

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ETHERNET CONNECTION

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