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Latest revision:
Update circuit diagram on page 8,9,10,11,12,13,14,15



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IRB920T/IRB920
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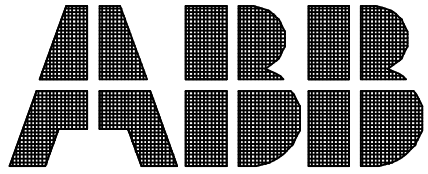
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Document no.
3HAC075152-014

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Prepared by, date: CNDAHU5

Approved by, date: CNKEWAN10



Description : IRB920T/IRB920
 Drawing number : 3HAC075152-014
 Drawing version : 01
 Date :

Customer :
 Year of construction :

Drawn by : CNDAHU5
 Number of pages : 15

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IRB920T/IRB920
 TITLE PAGE

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Valid for:

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

Harness for Robot:

3HAC070483-004	Main harness ML,Basic+C1+C2+Air
3HAC070483-005	Main harness ML,Basic+C1+Air
3HAC070483-006	Main harness ML,Basic
3HAC070483-007	Main harness MS,Basic+C1+C2+Air
3HAC070483-008	Main harness MS,Basic+C1+Air
3HAC070483-009	Main harness MS,Basic

3HAC070484-004	Process hub,M,Basic+C1+C2+Air
3HAC070484-005	Process hub,M,Basic+C1+Air
3HAC070484-006	Process hub,M,Basic

Board unit for Robot:

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

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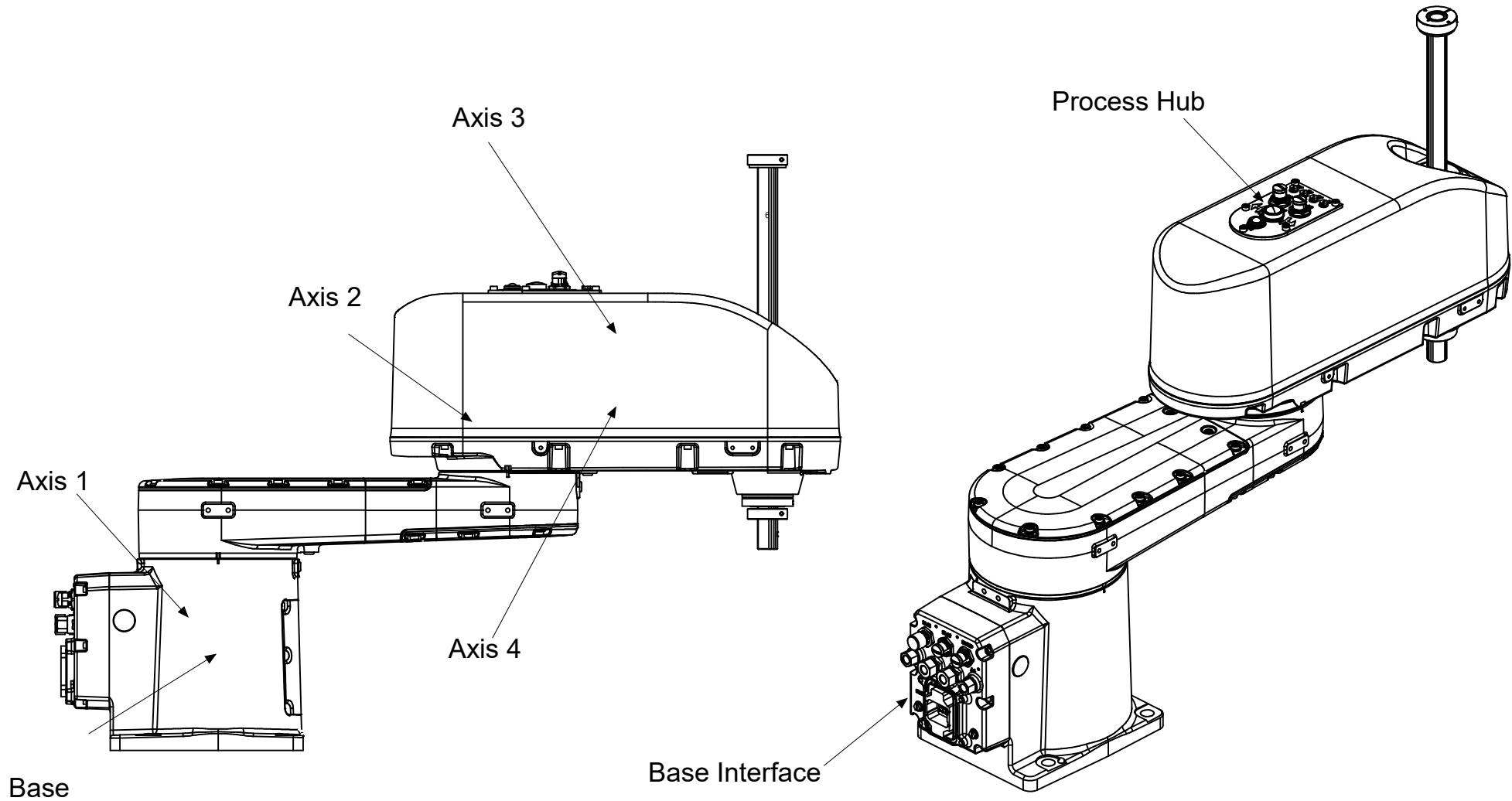
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2020-05-26 First version Ver00
 2020-12-03 Second version Ver01
 Update circuit diagram on page 8,9,10,11,12,13,14,15

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IRB920T/IRB920
SYSTEM OVERVIEW

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Plant: =
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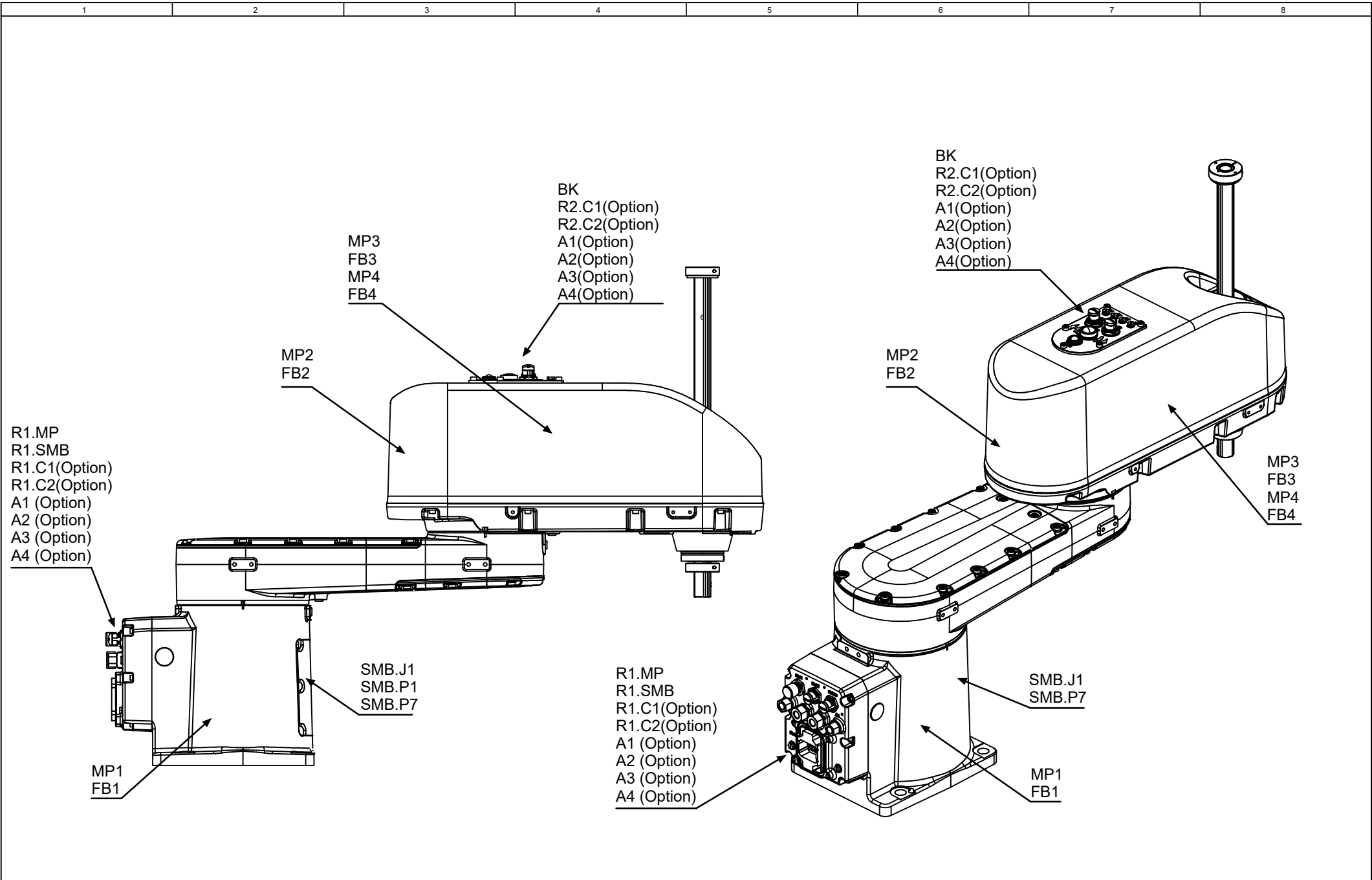
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CONNECTION POINT LOCATION

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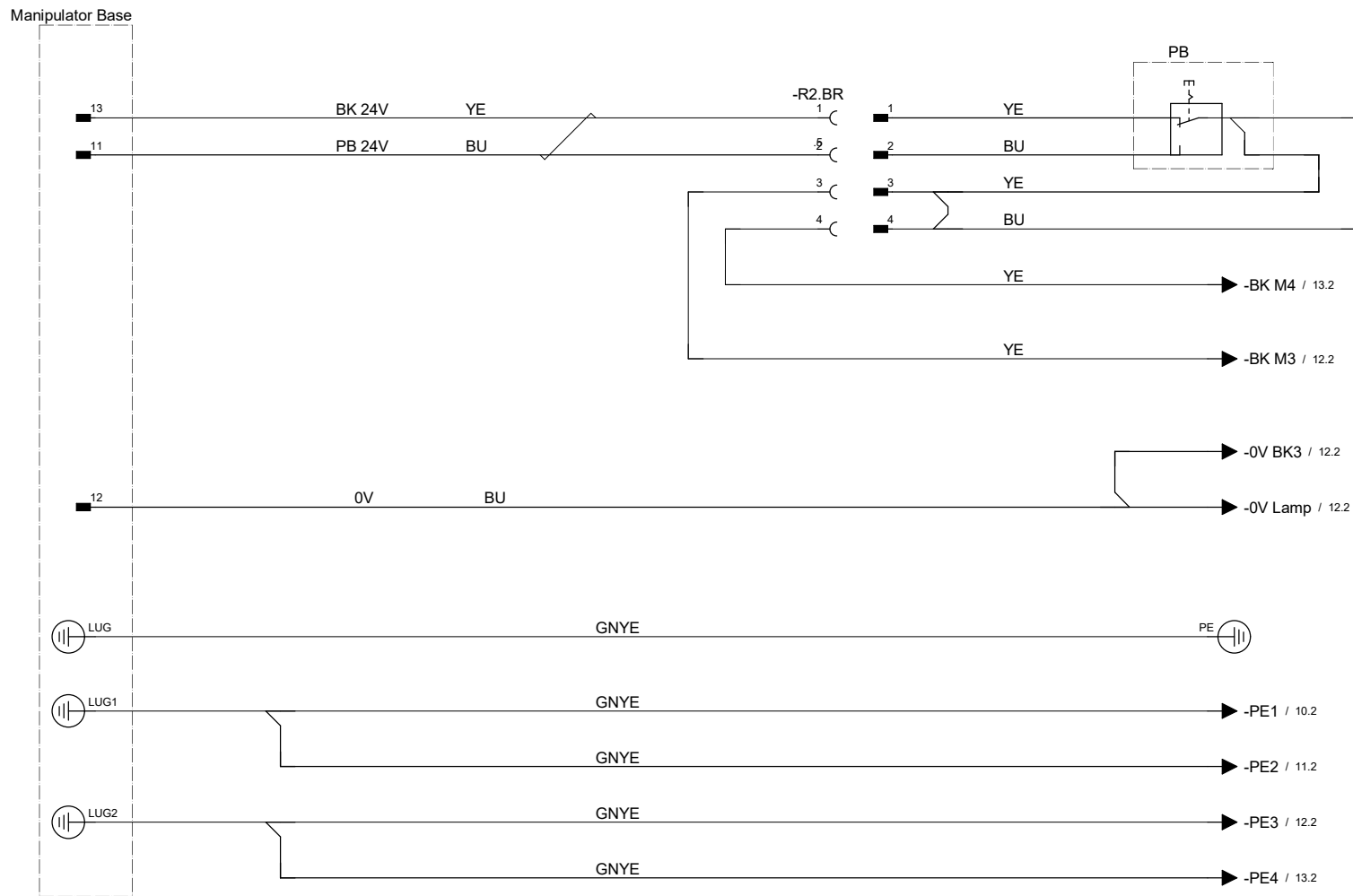
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IRB920T/IRB920
BRAKE RELEASE UNIT

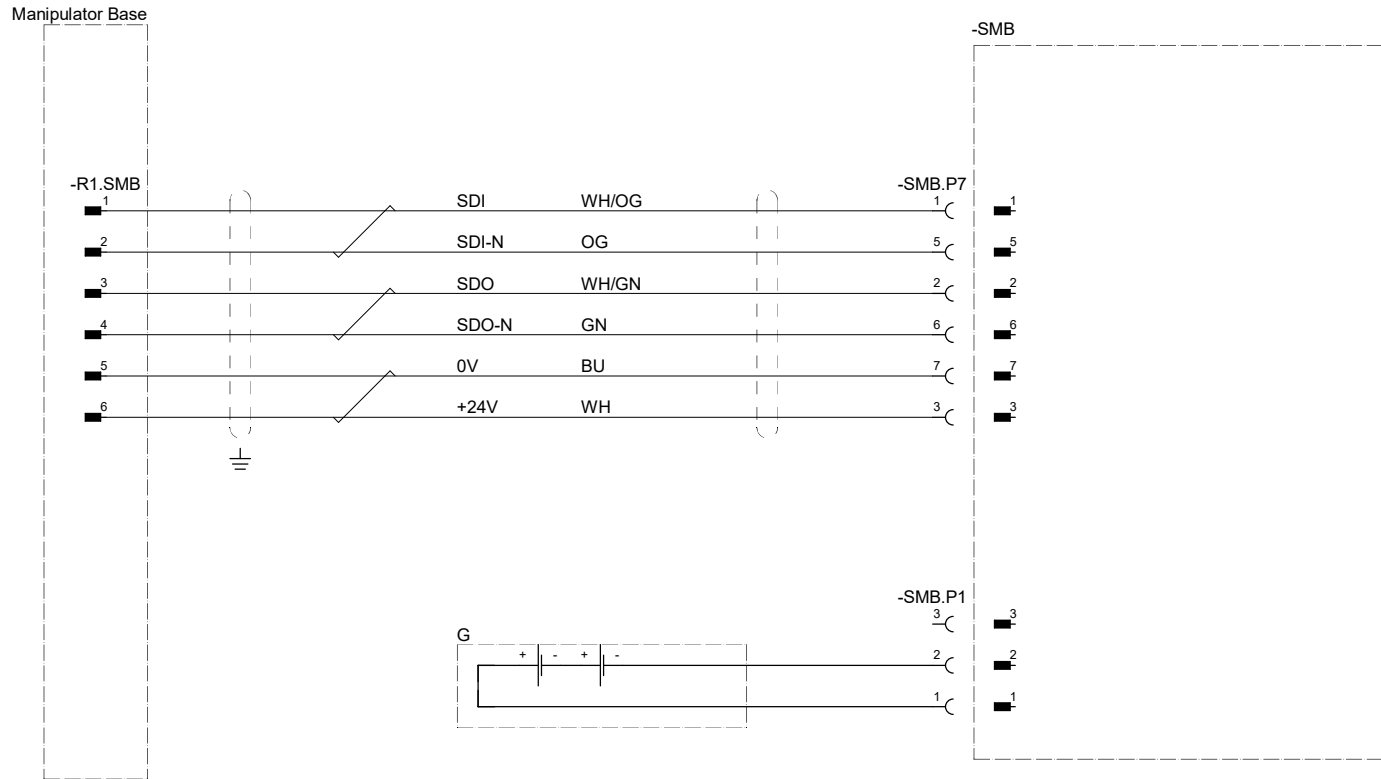
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SERIAL MEASUREMENT BOARD

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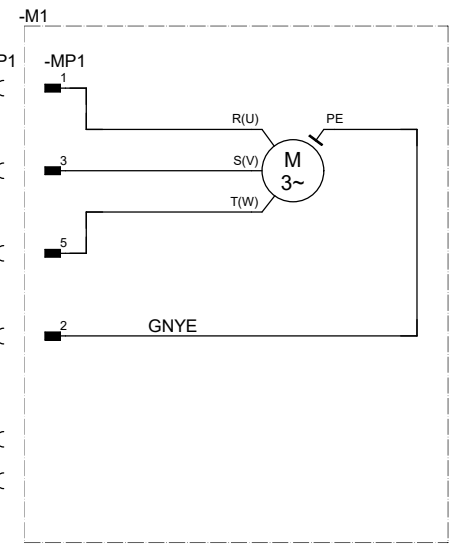
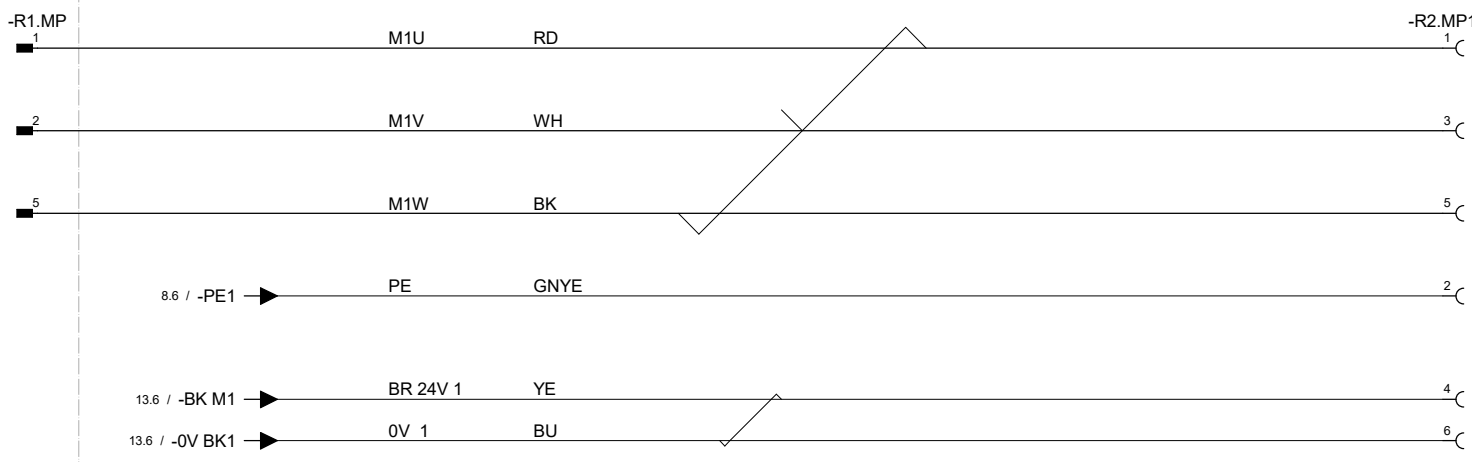
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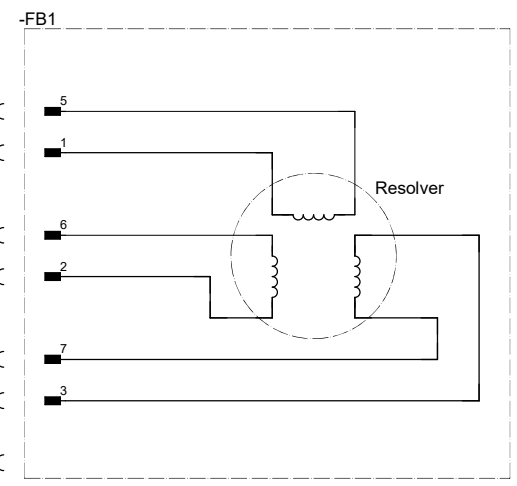
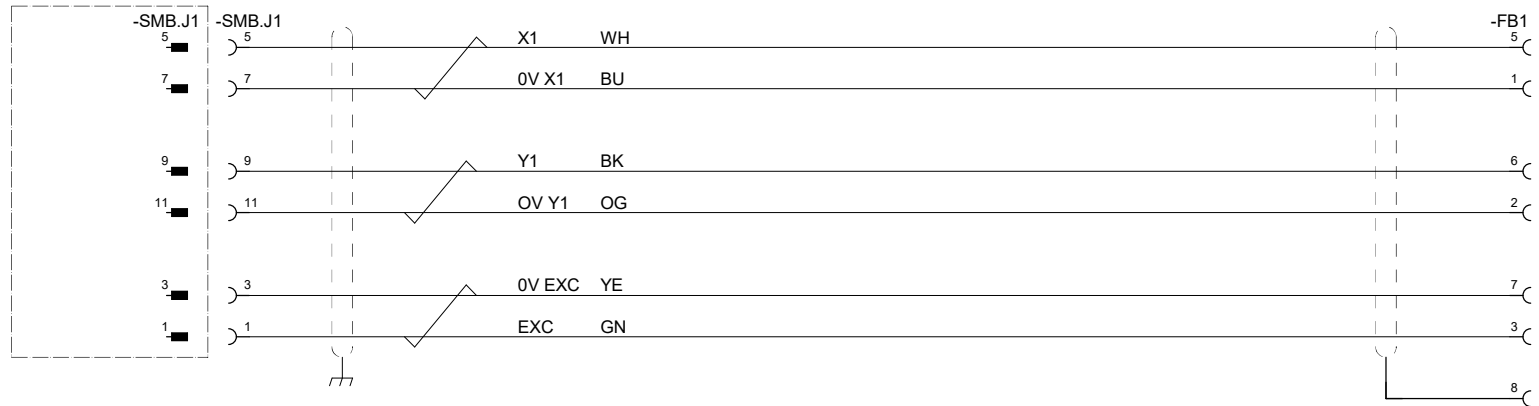
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Manipulator Base



-SMB



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AXIS 1

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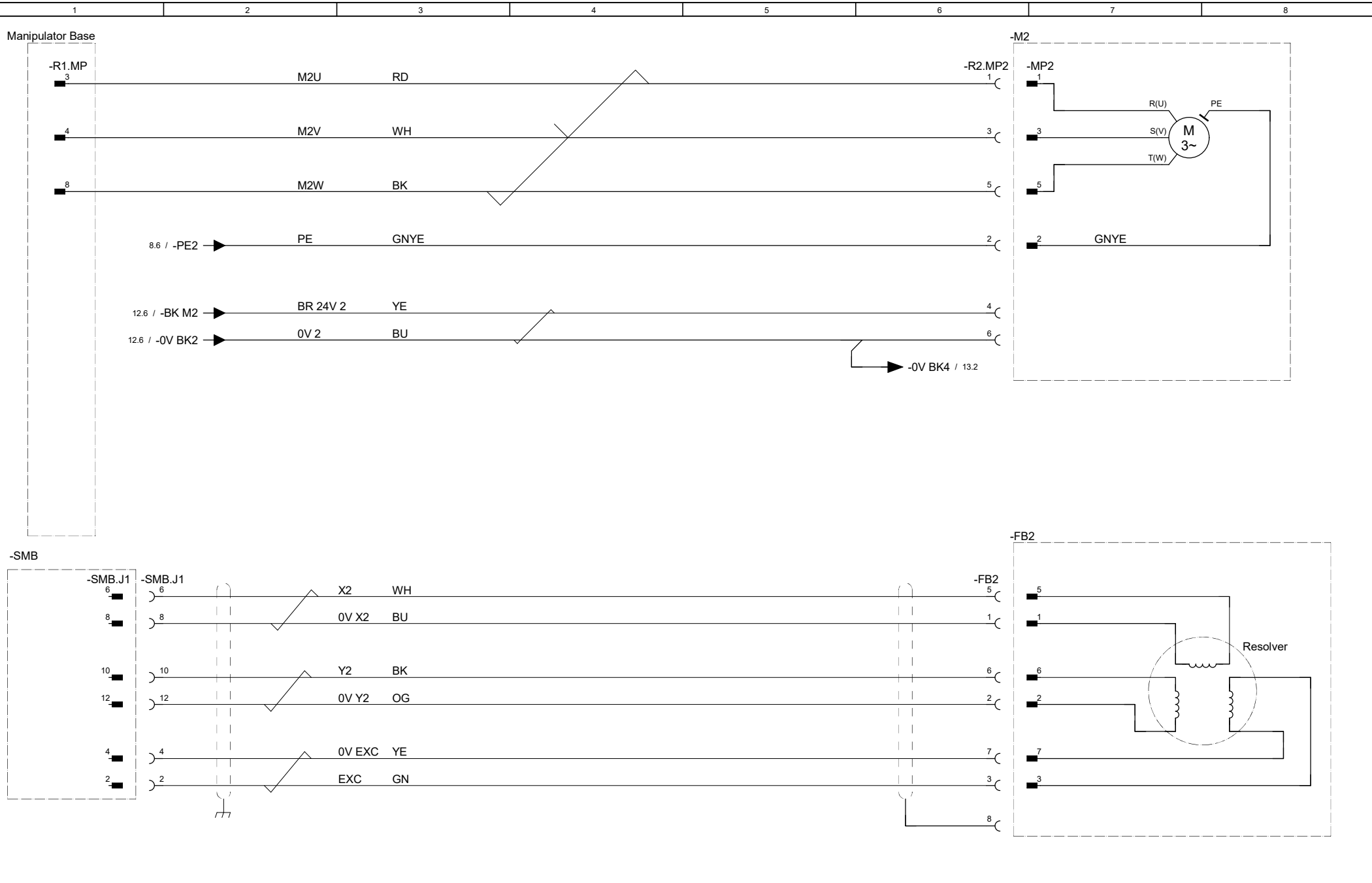
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AXIS 2

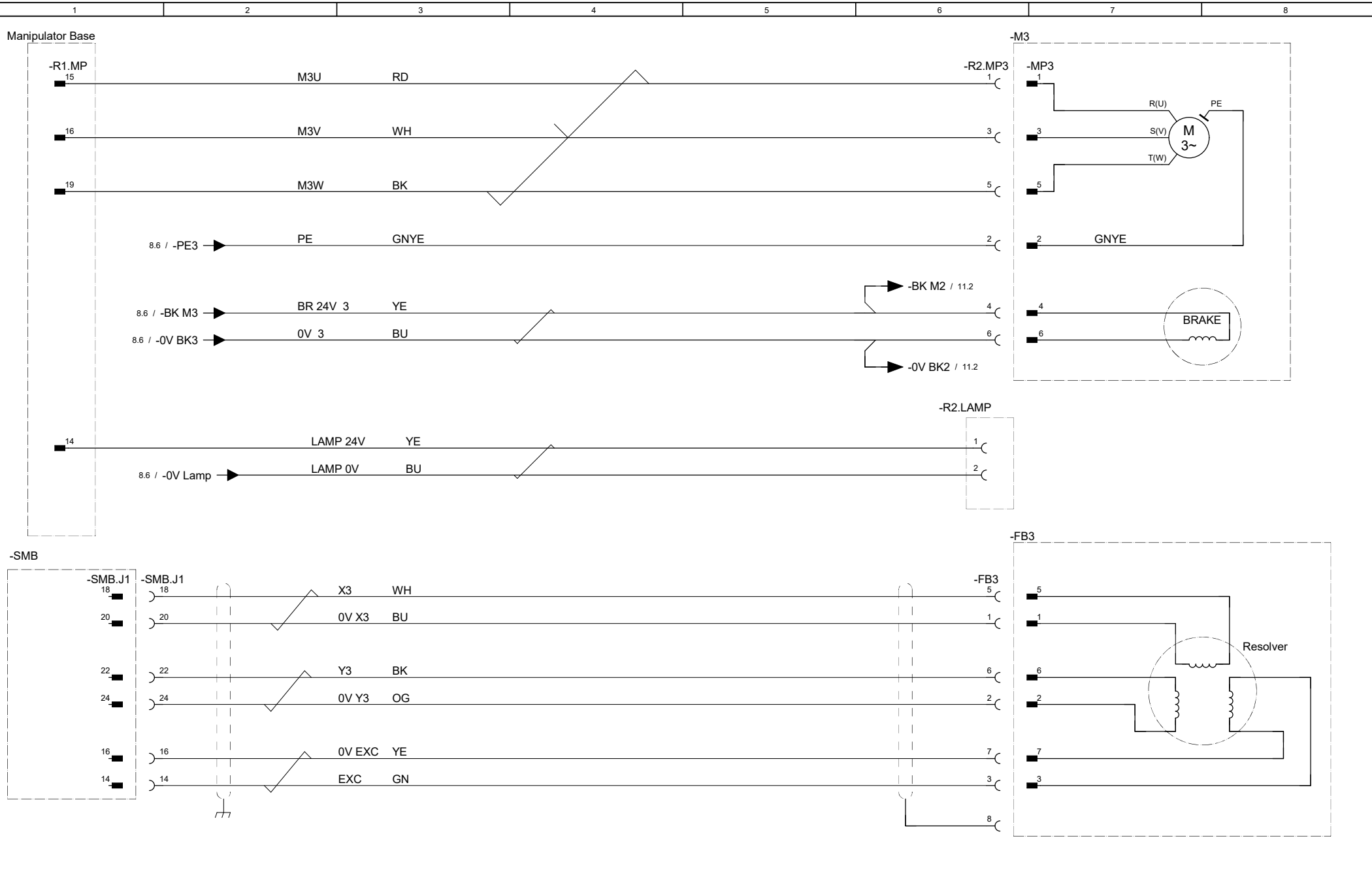
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AXIS 3

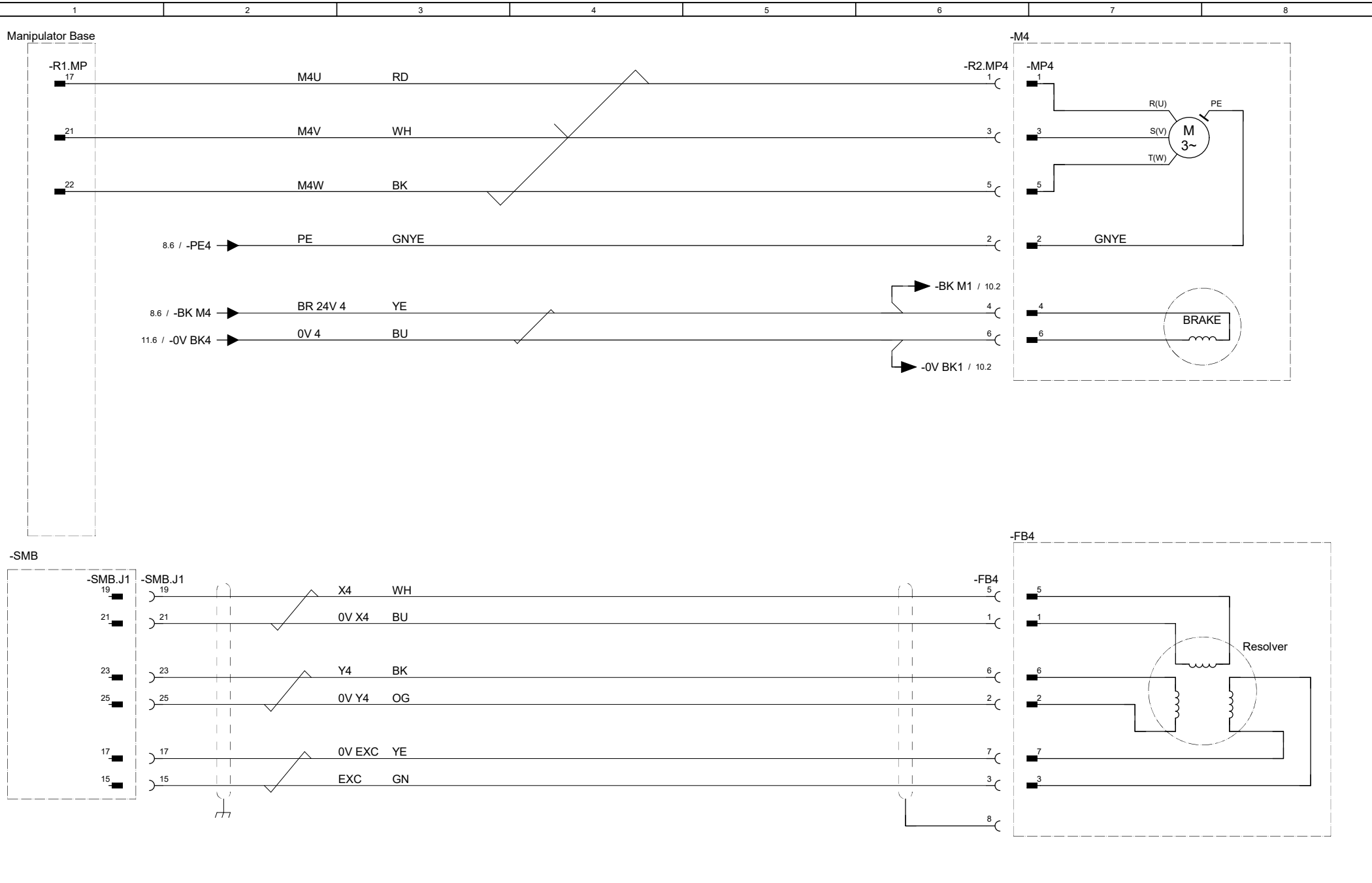
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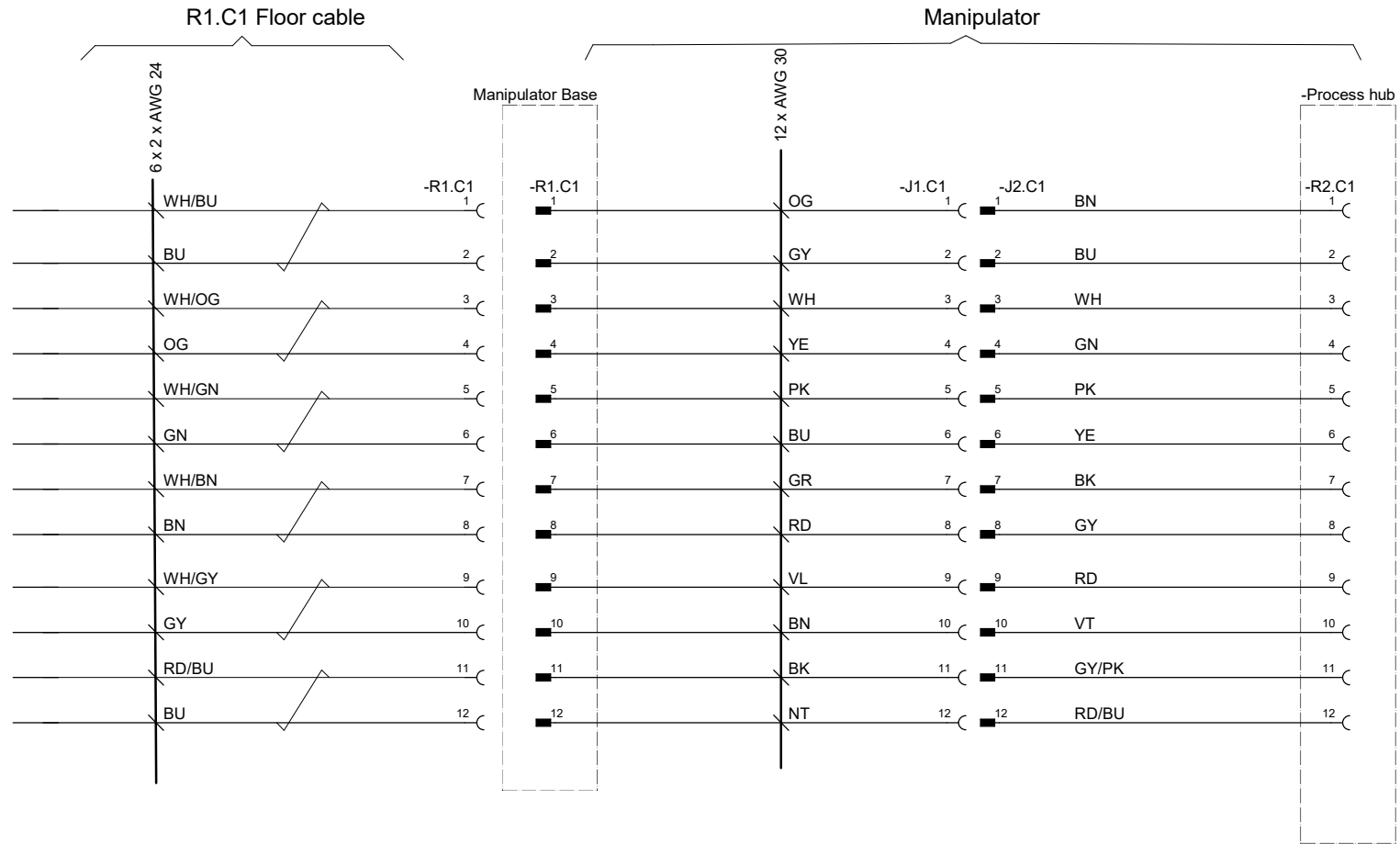
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Free end wire



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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CUSTOMER CONNECTION

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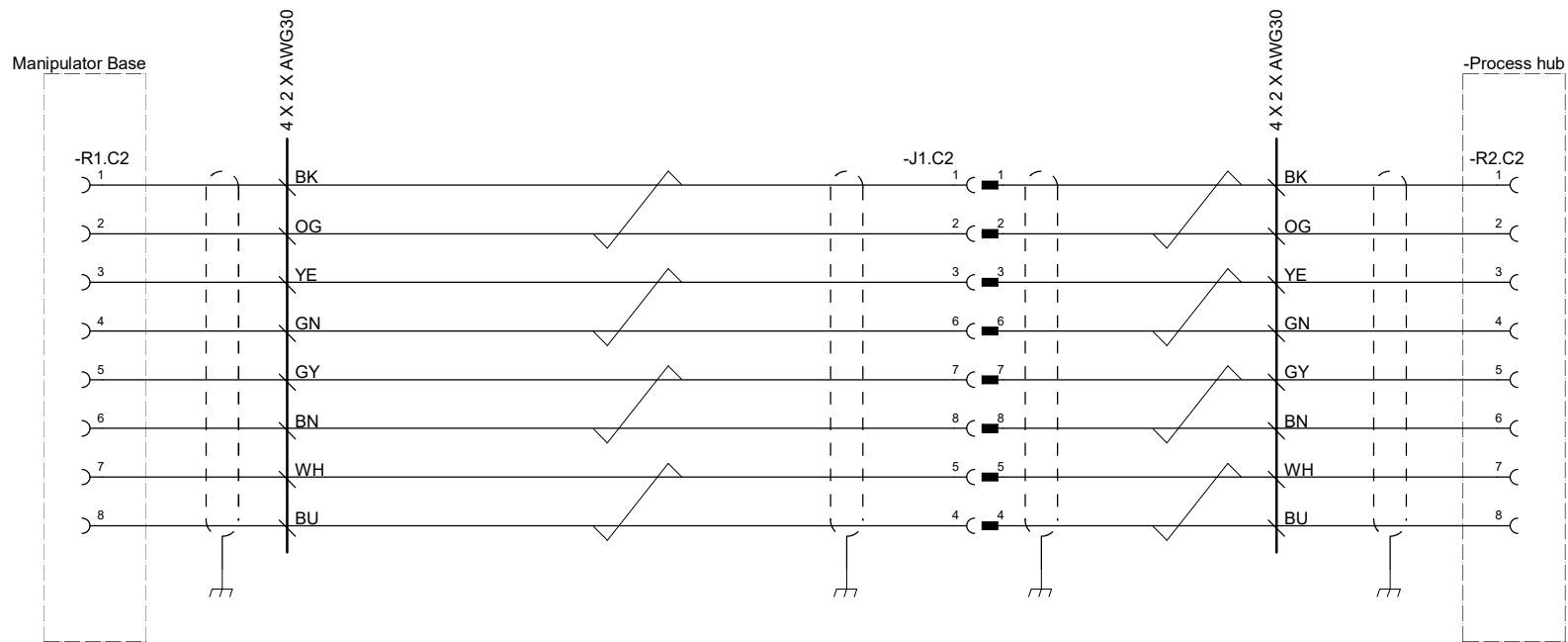
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Note : 1): Ethernet cable connecting instruction 3HAC063936-005

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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IRB920T/IRB920
ETHERNET CONNECTION

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