Motor to Hall Relationship

<table>
<thead>
<tr>
<th>Hall Line</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hall A</td>
<td>Yellow</td>
</tr>
<tr>
<td>Hall B</td>
<td>Blue</td>
</tr>
<tr>
<td>Hall C</td>
<td>Orange and black</td>
</tr>
</tbody>
</table>

Feedback Wire

<table>
<thead>
<tr>
<th>Hall Line Colour</th>
<th>Hall Signal Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange and Black</td>
<td>Hall A</td>
</tr>
<tr>
<td>Orange</td>
<td>Hall B</td>
</tr>
<tr>
<td>Yellow</td>
<td>Hall C</td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
</tbody>
</table>

Power Wire

<table>
<thead>
<tr>
<th>Power Wire</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Motor U</td>
</tr>
<tr>
<td>Yellow</td>
<td>Motor V</td>
</tr>
<tr>
<td>Blue</td>
<td>Motor W</td>
</tr>
</tbody>
</table>

Line Define

<table>
<thead>
<tr>
<th>Feedback Wire</th>
<th>Hall Line Colour</th>
<th>Hall Signal Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Motor U</td>
<td>Hall A</td>
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<tr>
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<td>Motor V</td>
<td>Hall B</td>
</tr>
<tr>
<td>Blue</td>
<td>Motor W</td>
<td>Hall C</td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>180WD-M12010-48V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>1.3</td>
</tr>
<tr>
<td>Rated Voltage (V)</td>
<td>48</td>
</tr>
<tr>
<td>Rated Current (A)</td>
<td>51</td>
</tr>
<tr>
<td>Rated Speed (rpm)</td>
<td>1000</td>
</tr>
<tr>
<td>Rated Torque (NM)</td>
<td>12</td>
</tr>
<tr>
<td>Rotor Inertia (Kgcm²)</td>
<td>32.6</td>
</tr>
<tr>
<td>Protection Rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation Rank</td>
<td>F</td>
</tr>
<tr>
<td>Appropriate Environment</td>
<td>Temperature: 0–50°C Humidity: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor Weight (KG)</td>
<td>18.5</td>
</tr>
</tbody>
</table>

Motor power line: a length of 500 mm
Plug-in models: SP75-8#
Motor to Hall relationship: a length of 500 mm
Plug-in type: DJ7061-1.5

PHASE TO GROUND VOLTAGE
Rotation CW from the flange

Contact Information

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Motor to Hall Relationship

Hall line
colour
Green
Yellow
Blue
Orange and black
Orange
Yellow
Blue
Green
Hall signal
definition
5V
0V
5V
0V
5V
Hall A
Hall B
Hall C

Power Wire

Red
Yellow
Blue
Orange
Hall A
Hall B
Hall C
Motor U
Motor V
Motor W

Feedback Wire

Hal line
colour
Orange and black
Orange
Yellow
Blue
Green
Hal signal
definition
5V
0V
5V
0V
5V
Plug serial
count
1
2
4
4
5

Technical Data

Type
180WD-M12010-72V
Power (KW)
1.3
Rated voltage (V)
72
Rated current (A)
21
Rated speed (rpm)
1000
Rated torque (NM)
12
Rotor inertia (Kgcm²)
32.6
Protection rank
IP65
Insulation rank
F
Appropriate
environment
Temperature: 0~+50°C
Humidity: <90% (No dewdrop)
Motor weight (KG)
18.5

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Motor weight (KG)
18.5

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Motor to Hall Relationship

HALL----A
HALL----B
HALL----C

PHASE TO GROUND VOLTAGE
ROHATION CW FROM THE FLANGE

Dimension

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Hall signal lines: a length of 500 mm
Plug-in type: DJT061-1.5

Line Define

<table>
<thead>
<tr>
<th>Hall line colour</th>
<th>Hall signal definition</th>
<th>Plug serial number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange and black</td>
<td>5V</td>
<td>1</td>
</tr>
<tr>
<td>Orange</td>
<td>0V</td>
<td>2</td>
</tr>
<tr>
<td>Yellow</td>
<td>Hall A</td>
<td>4</td>
</tr>
<tr>
<td>Blue</td>
<td>Hall B</td>
<td>5</td>
</tr>
<tr>
<td>Green</td>
<td>Hall C</td>
<td>6</td>
</tr>
</tbody>
</table>

Technical Data

Type: 180WD-M12010-96V

| Power (KW) | 1.3 |
| Rated voltage (V) | 96 |
| Rated current (A) | 15 |
| Rated speed (rpm) | 1000 |
| Rated torque (NM) | 12 |
| Rotor inertia (Kgcm²) | 32.6 |
| Protection rank | IP65 |
| Insulation rank | F |
| Appropriate environment | Temperature: 0-50°C, Humidity: <90%, (No dew drop) |
| Motor weight (KG) | 18.5 |

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Hall signal lines: a length of 500 mm
Plug-in type: DJT061-1.5

Feedback Wire

Power Wire

Red Motor U
Yellow Motor V
Blue Motor W

HALL----A
HALL----B
HALL----C

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