ECN-EX-04P Anti-explosion Slip Ring

Explosion-proof conductive slip ring is a kind of slip ring with high safety and reliability, suitable working in explosive environment, such as oil platform, explosive material packaging equipment, agricultural products processing equipment, coal mine, spraying and other dangerous places. It can meet both explosive gas environment and explosive dust environment and the protection grade is IP65, IP66 or IP68.

**Features**
- Explosion certification is available
- Support signal mixed transmission
- High safety, high reliability

**Applications**
- Automation equipment
- Foodstuff processing machinery
- Filling machine
- Drilling platform

**Optional**
- Circuit number
- Anti-explosion grade
- IP protection grade
- Signal type

<table>
<thead>
<tr>
<th>ECN-EX-04P</th>
<th>Specification</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>4*100 A</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>660VAC</td>
<td></td>
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<tr>
<td>Dielectric strength</td>
<td>≥2500VAC@50Hz</td>
<td></td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>≥500MΩ@100VDC</td>
<td></td>
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<tr>
<td>Resistance fluctuation</td>
<td>10mΩ</td>
<td></td>
</tr>
<tr>
<td>Operating speed</td>
<td>0~50rpm</td>
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<tr>
<td>Contact material</td>
<td>Copper graphite</td>
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<tr>
<td>Anti-explosion grade</td>
<td>Exd II BT4 Gb IP65</td>
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<tr>
<td>Protection grade</td>
<td>IP65</td>
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</tbody>
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**Outline Drawing**

- Rotor side
- Stator side
- Rotor lead
- Anti-explosion joint
- Stator anti-explosion plug
- 4 core 100A
- φ180±0.1
- φ175±0.1
- φ190