Description
The SRG is a rugged, reliable product that provides excellent performance for many applications. This slip ring can transmit Ethernet signals up to 1Gbps for every real time industrial protocol. Can be used on standalone basis, or in combination with a Rotary Union to transmit in addition many kinds of media. SRG package utilizes all metal components and are all electrically connected for improved EMI protection.

<table>
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<tr>
<th>Model Family</th>
<th>Industry</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRG</td>
<td>Multiple</td>
<td>Packaging, Automation, Industrial</td>
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</tbody>
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**Electrical Features**

- **Electrical Channels**: 11
- **Voltage, max**: Up to 24 VDC
- **Current, max steady state**: < 1 A
- **Data Communication Speed**: Up to 1 Gbps
- **Conductor Ring**: Gold Plated Copper Alloy
- **Brush Contact**: Alloy polyfilament
- **Wiring**: 0.34 mm²
- **Connection, stator**: Cable with X coded M12 (RJ45 optional)
- **Connection, rotor**: Cable with X coded M12 (RJ45 optional)

**Mechanical Features**

- **Speed, max.**: 250 RPM
- **Direction of Rotation**: Bi-Directional
- **IP Rating**: Standard IP55 - Max IP67
- **Mounting Orientation**: Vertical or Horizontal
- **Temperature, operating**: -20 °C to +65 °C
- **Temperature, storage**: -40 °C to +90 °C
- **Material, housing**: Anodized Aluminum
- **Material, rotor**: Anodized Aluminum
- **Material, cover**: Anodized Aluminum

**Versions**

- **SRG (standard)**: M12 connectors both on rotor and stator side, 270 mm flying leads
- **Options**: Connectors RJ45, Mounting Flanges, Painted covers, flying lead length, customized anti-rotation.

*This series includes additional models. For more information contact your nearest Deublin Division/Distributor or www.deublin.com*