The ultimate static eliminator for machinery manufacturers: compact, with built-in electronics, 24VDC supply and very powerful performance.

Static neutralisation to meet the requirements of high performance machinery. Integrated high voltage power supply, requires only a low voltage 24V DC input.

- Shockless, resistively coupled emitters made in tungsten for unlimited life.
- LED status indication: Bar OK: (green), fault (red).
- Remote monitoring of operational status.
- 100% coverage. Effective length = Overall length. No dead zone.
- Standard M8 4 pin connector.
- Available in two versions:
  1. **3024 F** - high speed version for speeds up to 1000m/min, for distances from 25mm to 100mm.
  2. **3024 L** - long range version for distances from 100mm to 500mm

### Specification

**Electrical Supply:**
24V DC (21-28V), maximum current required 0.5A.
M8 connector.
The M8 x 4 core cable must be ordered separately - see cable options on page two.

**Remote Monitor:**
Sends 24V signal to the PLC or other destination. This voltage is taken from the power to the Bar - no additional power source is required.

**High Voltage Supply:**
Up to 11kV supply integrated into Bar.

**Construction:**
FR-ABS Industrial grade extrusion, epoxy resin.

**Protection Classification:**
IP66. Fully sealed.

**Environment:**
-10 to 55°C, 70% rH non-condensing.

**Options:**
90-250V AC, Power Supply. Code: E3024-PSU

**Weight:**
1.1 kg/m.

**Standards:**
CE, UL, CB.
Two Versions

3024 F (fast)
> Designed to cope with speeds in excess of 1000m/min.
> Ideal for fast-moving materials.
> Minimum length 250mm, available in 50mm steps to 4.5m.
> Operating distance from 25mm to 100mm.

3024 L (long range)
> Designed to cope with distances from 100mm to 500mm.
> Ideal for applications with changing geometry.
> Minimum length 300mm, available in 100mm steps to 4.5m.
> Operating distance 100 - 500mm.

Dimensions

Mounting

'T' M6 x 40 stud and flange nut. Two mounting blocks for Bars up to 1m, plus 1 extra for every additional 500mm.

Other stud lengths are available, please contact the manufacturer for options.

Accessories/Spares

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>3m cable with 180° connector</td>
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<td>3m cable with 90° connector</td>
<td>80933</td>
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<td>5m cable with 180° connector</td>
<td>80930</td>
<td>5m cable with 90° connector</td>
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<td>7.5m cable with 180° connector</td>
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<td>7.5m cable with 90° connector</td>
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<td>10m cable with 180° connector</td>
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<td>10m cable with 90° connector</td>
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<tr>
<td>Additional mounting set</td>
<td>30248</td>
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Cables must be ordered separately in addition to Bar. They have standard M8 4 pin female connectors.