

## ANTI-STATIC BARS

### 3024 24VDC IONISING BAR

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 150mm.
2. **3024-L** - long range version for distances from 100mm to 500mm



#### Specification

<b>Electrical Supply:</b>	24V DC (21-28V), 0.5Amp max. M8 connector. The M8 x 4 core cable must be ordered separately - see cable options on page two.
<b>Remote Monitor:</b>	Sends OV or 24V signal to the PLC or other destination. This voltage is taken from the power to the bar - no additional power source is required.
<b>High Voltage Supply:</b>	9kV supply integrated into Bar.
<b>Construction:</b>	FR-ABS Industrial grade extrusion, epoxy resin.
<b>Protection Classification:</b>	IP66. Fully sealed.
<b>Environment:</b>	-10 to 55°C, 70% rH non-condensing.
<b>Options:</b>	90-250V AC, Power Supply. Code: E3024-PSU.
<b>Weight:</b>	1.1 kg/m.

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## Two Versions

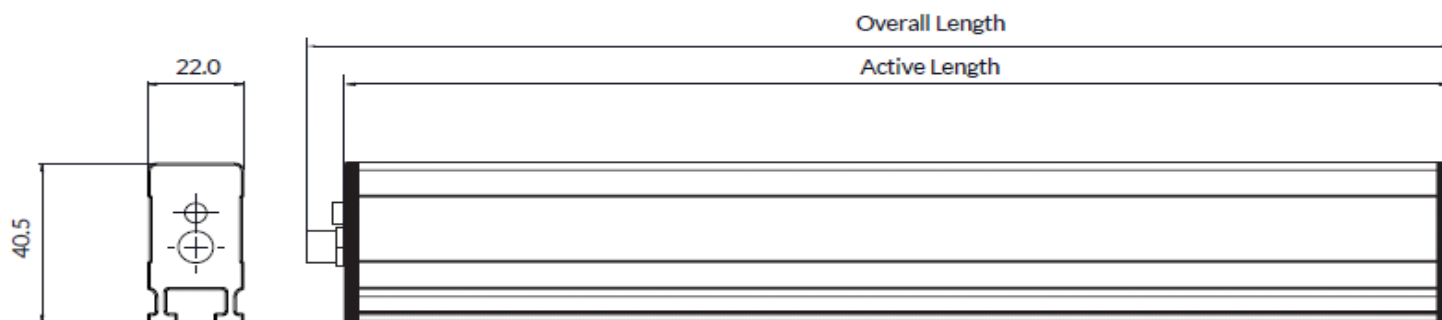
### 3024 F (fast)

- > Designed to cope with speeds in excess of 1000m/min.
- > Ideal for fast-moving materials.
- > Minimum length 250mm, available in 50mm steps to 5m.
- > Operating distance for best performance 25-60mm.

### 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 5m.
- > Operating distance 100 - 500mm.

## Dimensions



## Mounting

Versatile mounting blocks which slide in slot in bottom of extrusion.

M6 nylon bolts supplied with each mounting block, two mounting blocks for bars up to 1m, three for bars over 1m, four for bars over 2m.



## Accessories/Spares

Description	Part No.	Description	Part No.
3m cable with 180° connector	80892	3m cable with 90° connector	80933
5m cable with 180° connector	80930	5m cable with 90° connector	80934
7.5m cable with 180° connector	80931	7.5m cable with 90° connector	80935
10m cable with 180° connector	80932	10m cable with 90° connector	80936
Additional mounting blocks	708026	Additional M6 nylon bolts	80788

Cables must be ordered separately in addition to Bar.  
 They have standard M8 4 pin female connectors.

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