

OVER  
**25%**  
MORE POWER

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

### Specification

<b>Electrical Supply:</b>	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.
<b>Remote Monitor:</b>	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.
<b>High Voltage Supply:</b>	Up to 11kV 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.
<b>Standards:</b>	CE, UL, CB.

## Two Versions

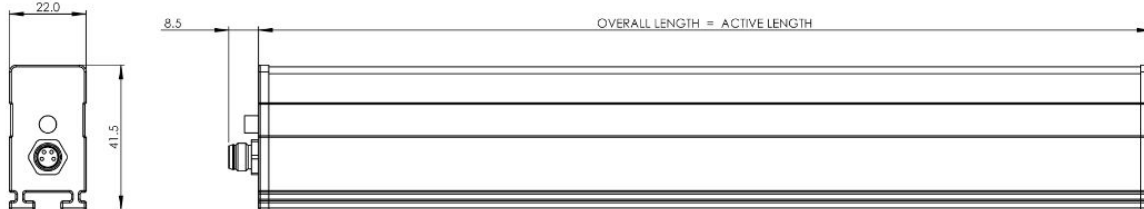
### 3024 F (fast)

- > 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.

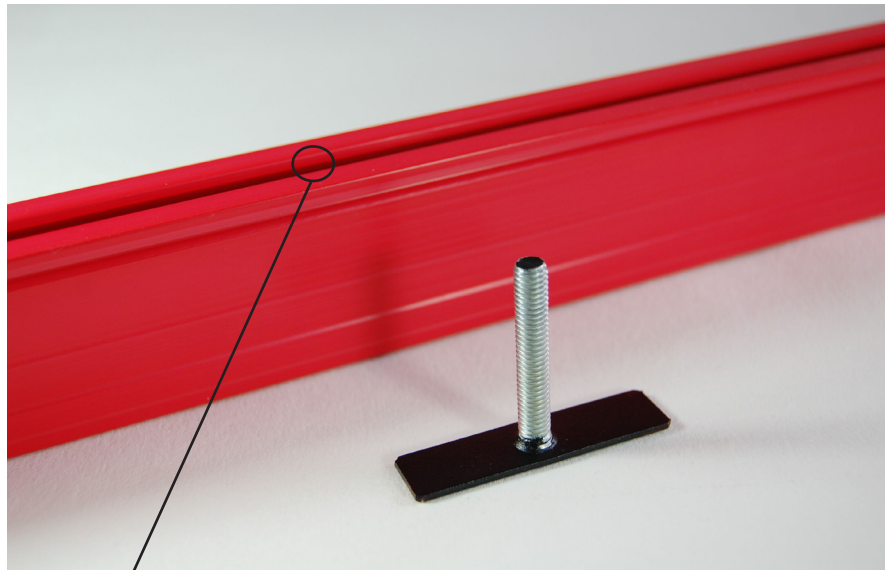
## Dimensions



## 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.



The 'T' fixing bracket slides into the slot in the bottom of the Bar.

## 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 set	30248		

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