

STATIC BARS

4203 Ionizing Bar

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

Benefits and Advantages

- Static neutralization to meet the requirements of high performance machinery.
- Integrated high voltage power supply, requires only a low voltage 24V DC input.
- Shockless, resistively coupled, long life tungsten emitters.
- 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) HS4203 high speed version for speeds up to 1300m/min (4264 ft/min)
- 2) LR4203 long range version for distances from 100mm to 600mm (4" - 24")



Two Versions

HS4203:

- (HS=High Speed) Designed to cope with speeds in excess of 1300m/min (4264 ft/min). Ideal for fast-moving materials.
- Minimum length 250mm (10") available in 50mm (2") steps to 3m (118").
- Operating distance for best performance 25-100mm, (1.0" - 4.0").

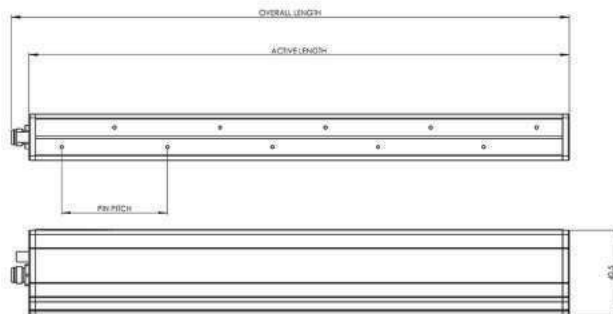
LR4203:

- (LR=Long Range) Designed to cope with distances from 100mm to 600mm, (4" - 24").
- Ideal for applications with changing geometry.
- Minimum length 300mm, (12"), available in 100mm (4") steps to 4m (157.5").
- Operating Distance for best performance 100mm-600mm, (4" - 24").

SPECIFICATIONS	
Electrical Supply:	24V DC (21-28V), 0.5Amp max. M8 connector. The M8 x 4 core cable must be ordered separately - See cable options below. A 24V / 100/250V AC external power adapter is also available.
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:	NEMA 4 / IP66 Fully Sealed
Environmental:	-10 to 55 degree C (14-131 F), 70% rH non-condensing
Dimensions:	see diagram (dimension)
Weight:	2.4 lbs/meter
Approvals:	UL, CE, CB

Mounting

Versatile mounting T-bolts slide in slot at bottom of extrusion. (2) M6 T-bolts & (2) M6 flange nuts supplied with bars up to 1m (39"), three T-bolts and nuts over 1m (39"), four for bars over 2m (78")



Accessories & Spares

Cables must be ordered separately in addition to Bar.

3m cable with	180° connector 80892	90° Connector 80933
5m cable with	180° connector 80930	90° Connector 80935
7.5m cable with	180° connector 80931	90° Connector 80935
10m cable with	180° connector 80932	90° Connector 80936

Power supply 24VDC x 110-250VAC with 1.2m (4') cable Part: 4203-31101

Additional Mounting Set; (1) T-Bolt & (1) flange Nut: Part Number 4103-30248



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2. Spare parts and accessories

Item Picture	Description	Part Number
	3m cable M8 female, bare ends Straight socket.	4203-80892
	5m cable M8 female, bare ends Straight socket.	4203-80930
	7.5m cable M8 female, bare ends. Straight socket.	4203-80931
	10m cable M8 female, bare ends. Straight socket.	4203-80932
	3m cable M8 female, bare ends. 90° socket.	4203-80933
	5m cable M8 female, bare ends. 90° socket.	4203-80934
	7.5m cable M8 female, bare ends. 90° socket.	4203-80935
	10m cable M8 female, bare ends. 90° socket.	4203-80936
	Universal AC/DC power adapter 100-250V AC, 24 DC output Fitted with 1.5m of cable.	4203-31101
	M8 male to M8 female 4-pin extension cable for AC/DC power supply unit. (available in 2m lengths).	4203-80937
	M6 x 40 T-Bolt & M6 flange nut	4103-30248

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