

KERSTEN®

Electrode

CE 103 L



THE PRODUCT

Our new charging electrode.
The charging electrode CE 103L (with air support) consists of glass fibre reinforced plastic and is used for surface charging of a wide variety of materials.

BENEFITS

- Minimal maintenance effort
- Fits to your compressed air supply
- Continuous flow of ions
- Plug-in System

WHY KERSTEN?

- Made in Germany for over 40 years
- Needs-based consultation
- Tailor-made solutions
- Very short delivery times

GENERAL

Supply voltage	U_{max}	kV DC	+/-30kV
Grid width (tip distance)		mm	10
Air connection (plug-in connection)		mm	Ø 8
Air supply (oil, water and dust free)	p	bar	2.5
Minimum distance to metal surfaces			
- Lateral (max. voltage)	A_{min}	mm	50
- In operating direction (max. voltage)	A_{min}	mm	50
Minimum bend radius of cable (fixed installation)	R	mm	64
Type of Protection		IP	65

CLIMATIC CONDITIONS

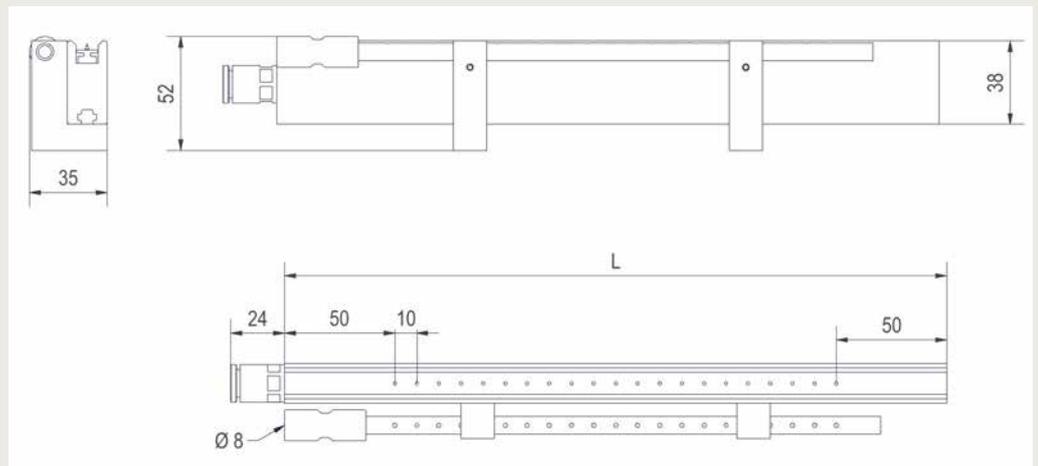
Temperature for transport and storage	T	°C	-25 - +85*
		°F	-13 - +185*
Temperature in operation	T	°C	+5 - +80**
		°F	+41 - +176**
Relative humidity (non-condensing)	RH	%	< 80

DIMENSIONS

$L / W / H$	mm	L / 35 / 52
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*active length = total length -40mm **acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F) ***acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F)

TECHNICAL DRAWING



All dimension measurements in mm

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