

KERSTEN®

ELECTRODE

DE 209 L



The DE 209 L with air support ensures the effective elimination of existing static charge over longer ranges and is able to achieve an additional cleaning effect.

THE PRODUCT

PRODUCT BENEFITS

- Touch-safe
- Small cross-section
- Vacuum-cast
- Adaptable to the perfect inch

CUSTOMER BENEFITS

- Plug-in system
- Longlife product
- Minimum maintenance

WHY KERSTEN?

- Made in Germany for over 40 years
- Needs-based consultation
- Tailor-made solutions
- Fast delivery

GENERAL

Supply voltage	U	kV DC	<+9.0/>-9.0
Power consumption per 1m electrode length at max. supply voltage	I _{max}	µA	450
Connection type			neXt® - plug-in
Grid width (tip distance)		mm	30
Available total lengths	L	mm	80-3050*

DETAILS

max.effective distance (max. voltage)		mm	1000
Min. distance (lateral / in operating direction)		mm	40 / 30
Air consumption (length 1.0m) at 0.2 - 2.0 bar		m³/h	4.5 - 20.5
Air connection		mm	Ø 8.0
Max. available high voltage cable length		m	67
- Grid up to 2,0m / - Grid from 2,0m		m	0.1 / 0.5
Minimum bend radius of cable			
- Fixed installation / - Constant movement	R	mm	15 / 30

CLIMATIC CONDITIONS

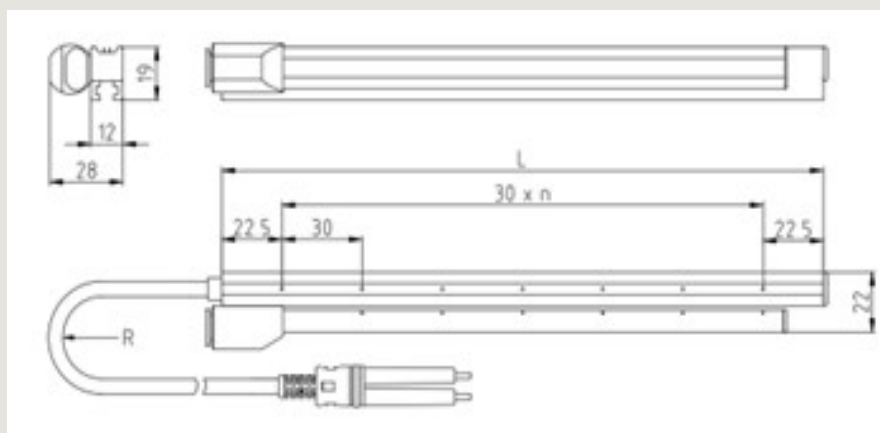
Temperature during transport and storage	T	°C / °F	-25- +85 / -13- +185**
Temperature during operation	T	°C / °F	+5- +80 / +41- +176***
Relative humidity / compressed air support (non-condensing)	RH		<80 / <60

DIMENSIONS

L/W/H	mm	L / 28 / 22
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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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