

**KERSTEN®**

## ELECTRODE

DE 219 L



The DE 219 L with adjustable exit angle of the 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

- Safe to touch
- Small electrode cross-section
- Vacuum-casted
- Customizable to individual lengths

### CUSTOMER BENEFITS

- Plug-in system
- Longlife product
- Minimal maintenance effort
- Easy to install

### WHY KERSTEN?

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

# KERSTEN®

## TECHNICAL DATA

### DE 219 L

#### GENERAL

Supply voltage	U	kV DC	<+9.0/>-9.0
Power consumption per 1m electrode length at max. supply voltage	I <sub>max</sub>	µA	450
Connection type			neXt® - plug-in
Grid width (tip distance)		mm	30
Available total lengths	L	mm	80 - 1460*

#### 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 - 2.0bar		m³/h	4.2 - 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

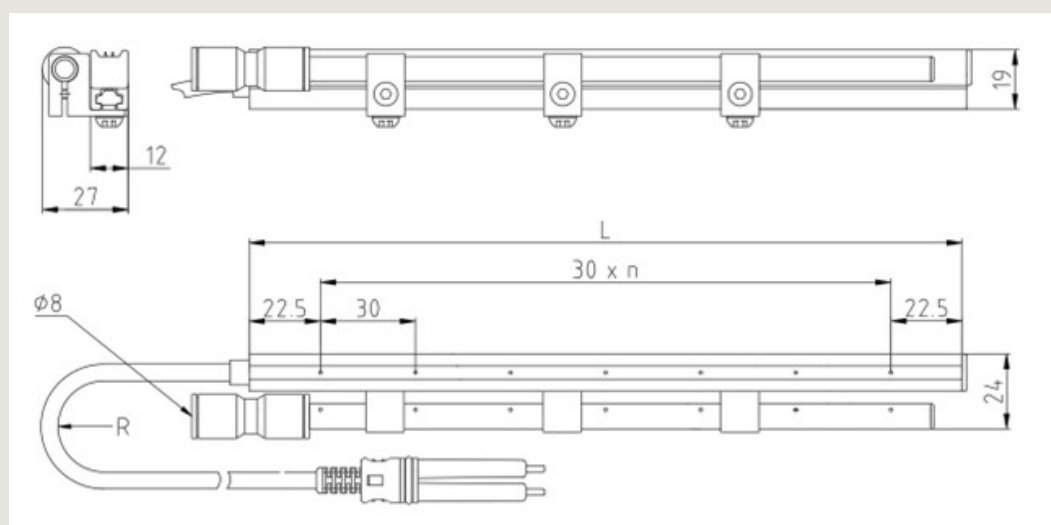
Temperature during transport and storage	T	°C / °F	-25- +85 / -13- +185**
Temperature during operation	T	°C / °F	+5- +80 / +41- +176***
Relative humidity / compressed air support ( non-condensing)	RH		<80 / <60

#### DIMENSIONS

L/W/H	mm	L / 27 / 24
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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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