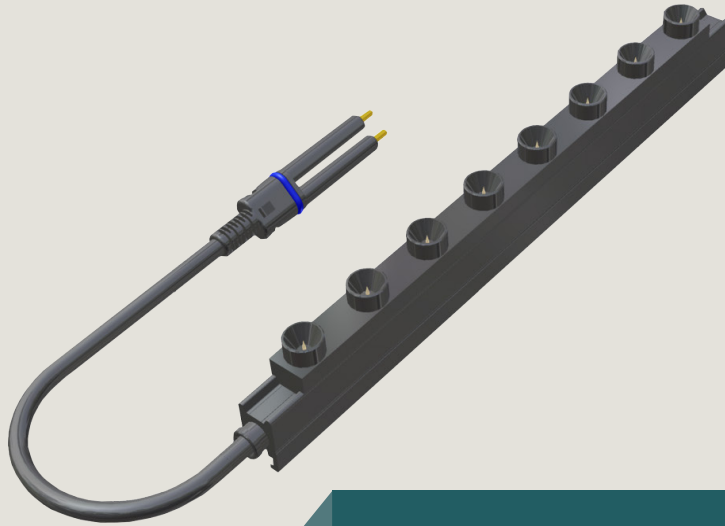


**KERSTEN®**

# Electrode

## DE 306



Our discharging electrode. DE 306 ensures the effective elimination of existing static charge on different materials and optimizes your process. Its special shape allows it to be embedded in its supporting structure.

### 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

### GENERAL

Supply voltage	U	kV DC	<+6.0/>-4.5
Power consumption per 1m electrode length at max. supply voltage	$I_{max}$	$\mu A$	250
Connection type			neXt® - plug-in
Grid width (tip distance)		mm	25
Available total lengths	L	mm	190 - 1990*

### DETAILS

Effective distance (possible / optimal)		mm	0-10 / 0,5-8
Min. distance to metal areas (lateral / in operating direction)		mm	6 / 10
Max. available high voltage cable length		m	120
- 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

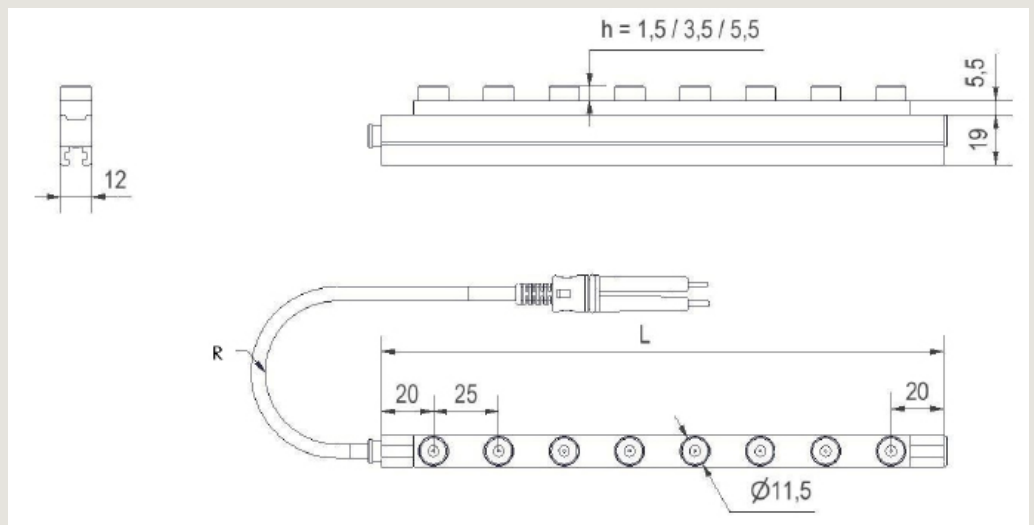
Temperature during transport and storage	T	°C / °F	-25- +85 / -13- +185**
Temperature during operation	T	°C / °F	+5- +80 / +41- +176***
Relative humidity ( non condensing)	RH	%	<80

### DIMENSIONS

	L/W/H	mm	L / 12 / 24,5 + h
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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

### KERSTEN ELEKTROSTATIK GMBH

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