

KERSTEN®

Electrode

DE 106



The smallest from the house of KERSTEN. Through the electrode's extremely slim design and because it has the smallest cross section on the market, the DE 106 is suited for the smallest of application spaces.

THE PRODUCT

PRODUCT BENEFITS

- Safe to touch
- Smallest electrode cross-section on the market
- Vacuum casted
- Customizable to the centimetre

CUSTOMER BENEFITS

- Installation in the smallest spaces
- Long lasting and durable through the use of GRP
- Minimal maintenance effort

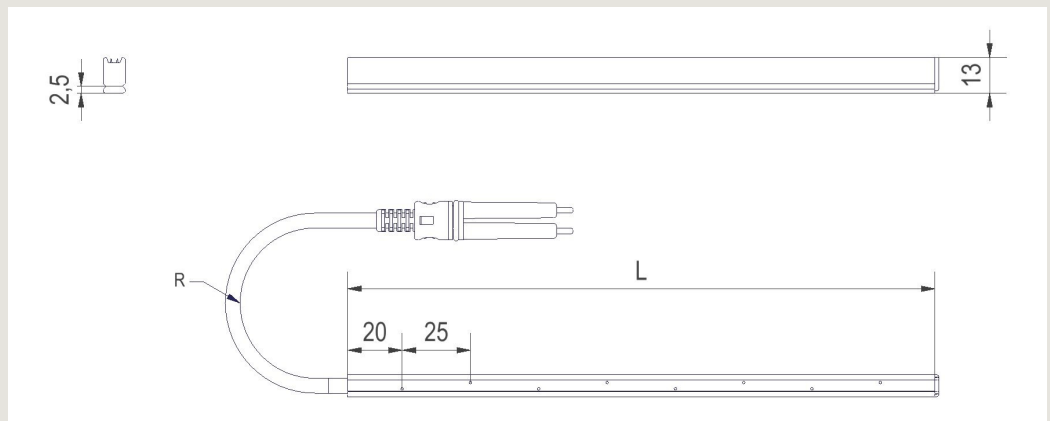
WHY KERSTEN?

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

GENERAL			
Supply voltage	U	kV DC	<+6.0/>-4.5
Power consumption per 1m electrode length at max. supply voltage	I _{max}	µA	250
Connection type			neXt® plug-in
Grid width (tip distance)		mm	25
Available total lengths	L	mm	90 - 840*
DETAILS			
Effective distance (possible / optimal)		mm	10-300 / 20-60
Min. distance to metal areas (lateral / in operating direction)		mm	10 / 40
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 motion	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 / 8 / 13

*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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