KERSTEN®

Electrode
DE 216 L EX

The DE 216 L with adjustable exit angle of the air support ensures the effective elimination of existing static charge over longer ranges in ATEX zones.

THE PRODUCT

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

PRODUCT BENEFITS

- ATEX approval acc. to Ex II (2) D 80ºC and Ex II (2) G IIB T6
- Longlasting and durable through the use of GRP
- Minimal maintenance effort
- Plug-in system

CUSTOMER BENEFITS

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

WHY KERSTEN?

Status: 10/2016 | Subject to technical modifications.

Ex-Bereich

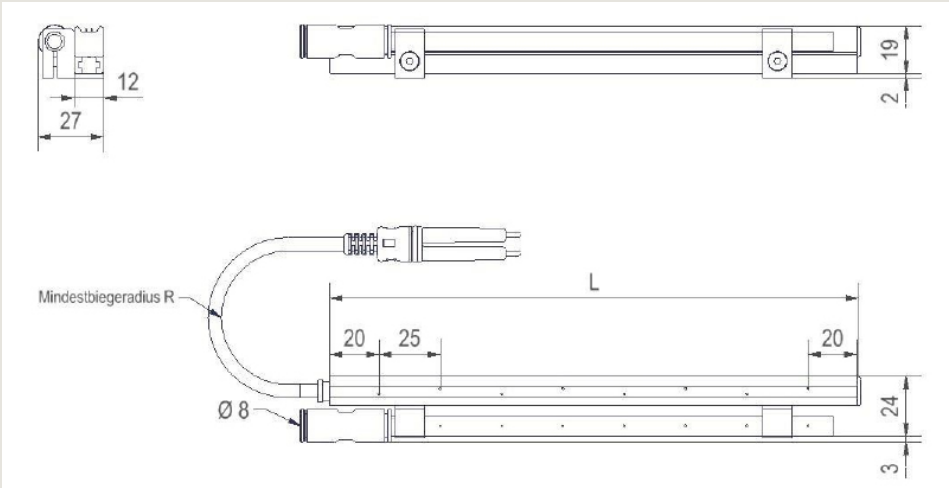
KERSTEN®

Technical Data
DE 216 L EX

GENERAL			
Supply voltage	U	kV DC	<+6.0/>-4.5
Power consumption per 1m electrode length at max. supply voltage	Imax	µA	250
Connection type			neXt® - plug-in
Grid width (tip distance)		mm	25
Available total lengths	L	mm	90 - 1440*
DETAILS			
Effective distance (possible / optimal)		mm	10-400 / 20-100
Min. distance to metal areas (lateral / in operating direction)		mm	10 / 40
Air consumption (length 1.0m) at 0.2 - 2.5bar		m^3/h	4.5 - 26.5
Air connection		mm	Ø 8.0
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 / compressed air support (non-condensing)	RH	%	<80 / <60
DIMENSIONS	L/W/H	mm	L / 27 / 19

*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 dimensions in mm

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