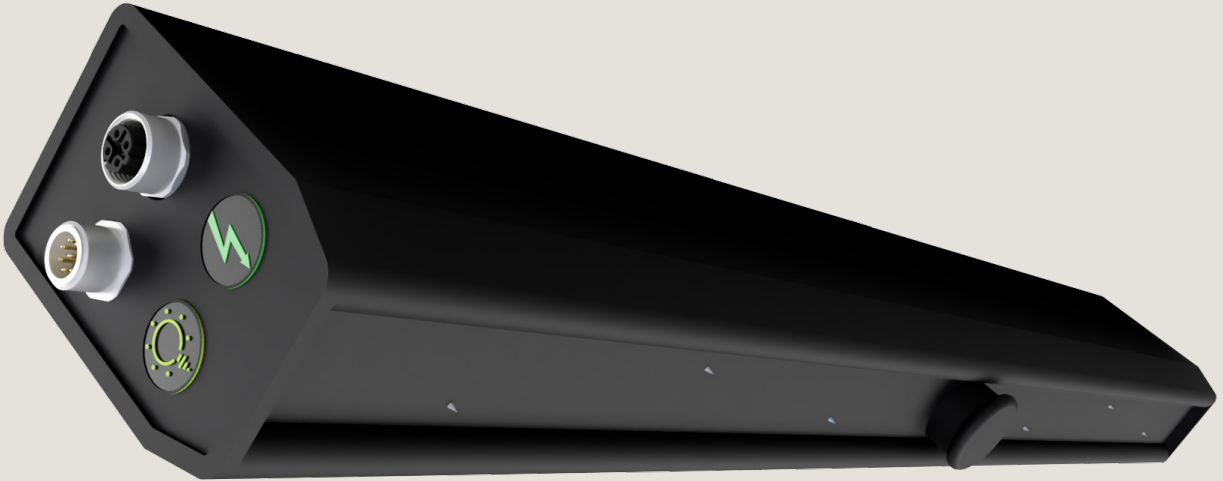


KERSTEN®

LONGRANGE ELECTRODE

DE 1025



THE PRODUCT

The wide-range electrode enables optimum discharge performance from 300 mm to 1300 mm. Automatic control, integrated distance sensor, and external operability are standard features.

PRODUCT BENEFITS

- Automatic regulation and external control
- Tungsten needles
- Suitable for all long range applications

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

GENERALS

Supply voltage	U_N	V DC	24 ± 20
Output voltage (pulsed)	U_a	kV DC	± 25
Internal protection	I	A	3.0
Maximum active power	P_W	W	48
Maximum operating current	I_B	A	2.0
Grid width (tip distance)		mm	80
Available lengths(grid width)	L	mm	500 - 1940* (160)

DETAILS

Effective distance		mm	300 - 1300
Minimum distance to metal surfaces (lateral / operating direction)		mm	50 / 50
External release			Potenzielfreier Kontakt
Pulse frequency	f	Hz	0.5 - 10
Modbus TCP/IP	DTR	Mbits/s	100
Ethernet 10/100 Base TX	DTR	Mbits/s	100
Type of protection	IP		65

CLIMATIC CONDITIONS

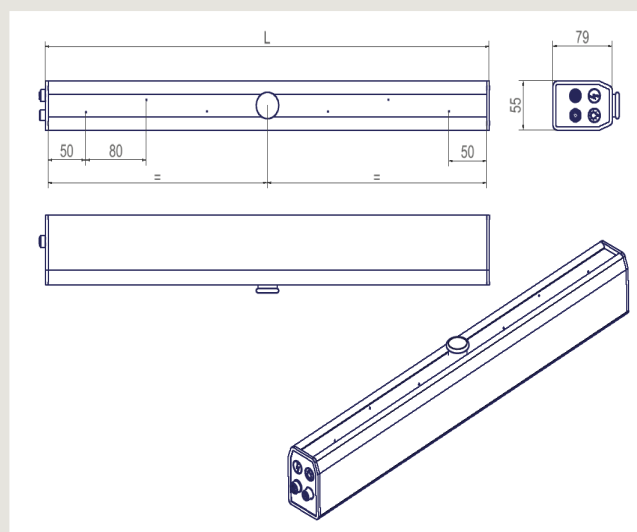
Temperature during transport and storage	T	°C / °F	-25- +85 / -13- +185**
Temperature during operation	T	°C / °F	+5- +40 / +41- +104***
Relative humidity	RH		<80

DIMENSIONS

L/W/H	mm	L / 55 / 79
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*active length = total length -100mm **acc. UL50 TypB / class 3K3

TECHNICAL DRAWING



All dimension
measurements in mm

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