

KERSTEN®

Nozzle

DD 606



THE PRODUCT

The DD 606 discharge nozzle is used for electrostatic extension of existing air nozzles. Combined with a DD 606, these may be upgraded to a fully-fledged discharge assembly. The air connection may be customised using various adapters. The air connection is provided via push-on connectors.

PRODUCT BENEFITS

- Improvement of processes
- Continuous flow of ions
- Compact design
- Various adapters usable

CUSTOMER BENEFITS

- Easy to install
- Fits to your compressed-air supply
- Maintenance-free

WHY KERSTEN?

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

GENERAL

Supply voltage	U_{max}	kV DC	<+6.0 / < -4.5
Power consumption at max. supply voltage	I_{max}	μA	<30
Connection type			neXt® - plug-in
Effective range possible / ideal		mm	10-1000 / 10-100

DETAILS

Air supply (oil-, water-, dustfree)	p	bar	0.2 - 2.5
Air connection (inner thread)		G	3/8
Air consumption at 0.2 to 1.0 bar		m ³ /h	2.8 - 15.5
Minimum bending radius of cable			
- Fixed installation / - Constant motion	R	mm	15 / 30
Max. available high voltage cable length		m	120
Grid up to 2.0m / Grid from 2.0m		m	0.1 / 0.5

CLIMATIC CONDITIONS

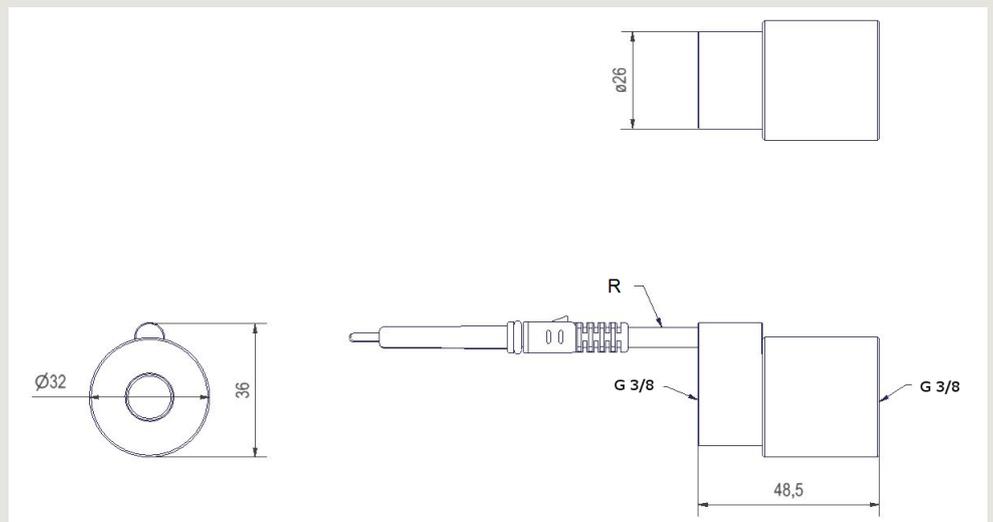
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13 - +185*
Temperature during operation	T	°C / °F	+5 - +80 / +41 - +176**
Relative humidity / with compressed air (non condensing)	RH	%	<80 / <60

DIMENSIONS

L/B/	mm	48.5 / 36 / 32
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*acc. UL50 Type B / Class 3K3 max. +70 °C (+158 °F) **acc. UL50 Type B / Class 3K3 max. +70 °C (+158 °F)

TECHNICAL DRAWING



All dimensions in mm

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