



Nozzle

DD 109



THE PRODUCT

The DD 109 discharge nozzle is designed to be attached to an existing ball head on a 1/4" articulated hose.

Durable for continuous use thanks to tungsten needles.

BENEFITS

- Improvement of processes
- Continuous flow of ions
- Compact design
- Touch protection for maximum user safety

CUSTOMER BENEFITS

- Easy to install
- Fits to your compressed air supply
- Suitable for a wide range of applications

WHY KERSTEN?

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

KERSTEN®

TECHNICAL DATA
DD 109

GENERAL

Supply voltage	U_{max}	kV DC	<+9.0 / > -9.0
Needles amterial			Tungsten
Connection type			neXt® - plug-in
Max. effective distance at max. output voltage		mm	1000

DETAILS

Air supply (oil, water and dust free)	p	bar	0.2 - 2.5
Air connection			1/2" Vario
Air consumption at 0.2 to 1.0 bar		m³/h	3.5 - 8.4
Minimum bending radius of cable			
- Fixed installation / - Constant motion	R	mm	15 / 30
Minimum distance (lateral / in operating direction)		mm	30 / 40

CLIMATIC CONDITIONS

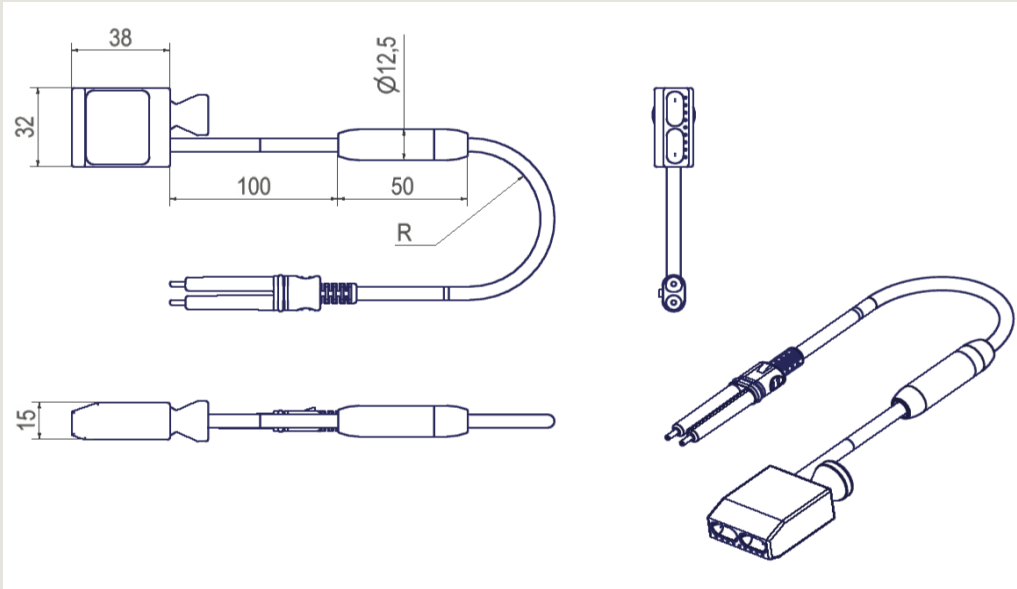
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13 - +185*
Temperature during operation	T	°C / °F	+5 - +80 / +41 - +176**
Relative humidity / with compressed air (non condensing)	RH		<80 / <60

DIMENSIONS

	L/W/H	mm	38/ 32 / 15
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*gem. UL 50 Typ B / Klasse 3K3 max. +70 °C (+158 °F) **gem. UL 50 Typ B / Klasse 3K3 max. +70 °C (+158 °F)

TECHNICAL DRAWING



All dimension
measurements in mm

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