

**KERSTEN®**

# Nozzle

## DD 306



The discharging nozzle DD 306 has a compact design as well as an air outlet that is focused to a point. DD 306 optimally discharges all materials with high efficiency, even with low pressure. The air connection is provided by an existing internal thread of G1/4".

### THE PRODUCT

- Improvement of processes
- Continuous flow of ions
- Compact design

### BENEFITS

### 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

### GENERAL

Supply voltage	$U_{max}$	kV DC	<+6.0 / > -4.5
Power consumption at max. supply voltage	$I_{max}$	$\mu$ A	<30
Connection type			neXt® - plug-in
Effective range possible / ideal		mm	10-300 / 10-100

### DETAILS

Air supply (oil, water and dust free)	p	bar	0.2 - 2.5
Air connection (inner thread)		G	1/4
Air consumption at 0.2 to 1.0 bar		m <sup>3</sup> /h	3.7 - 9.5
Minimum bending radius of cable - Fixed installation / - Constant motion	R	mm	15 / 30
Minimum distance to metal areas (lateral / in operating direction)		mm	10 / 40

### CLIMATIC CONDITIONS

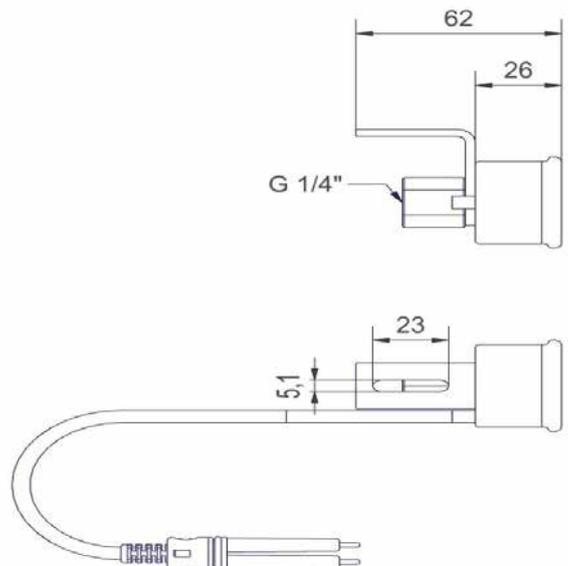
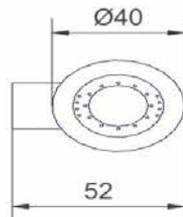
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13 - +185*
Temperature during operation	T	°C / °F	+5 - +80 / +41 - +176**
Relative humidity / with compressed air (non condensing)	RH	%	<80 / <60

### DIMENSIONS

	L/W/H	mm	62/52/40
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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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