

KERSTEN®

Nozzle DD 406



The discharging nozzle DD 406 has a compact design as well as an air outlet that is focused to a point. It has optimized flow as well as having low-noise. The DD 406 optimally discharges all materials with high efficiency, even with low pressure. Air connection is provided by an existing internal thread of G1/4".

THE PRODUCT

BENEFITS

CUSTOMER BENEFITS

WHY KERSTEN?

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

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

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

GENERAL

Supply voltage	U	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	10-300 / 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 ³ /h	3.0 - 7.5
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

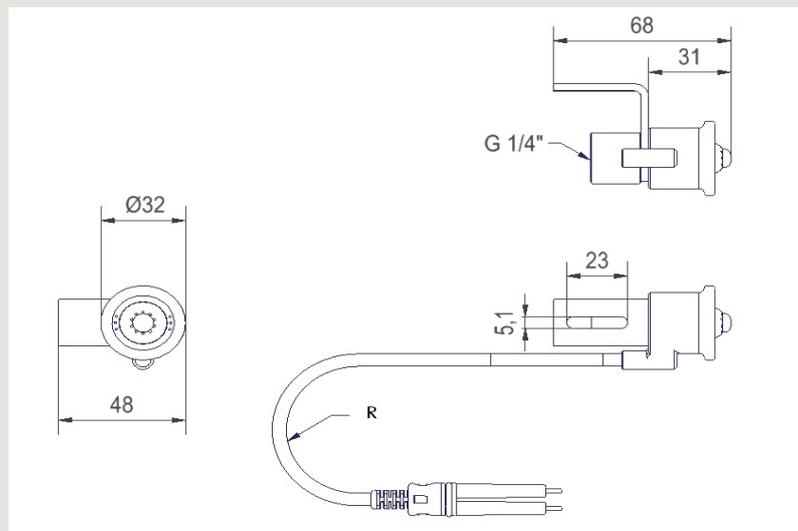
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13 - +185*
Temperature during operation	T	°C / °F	+5 - +80 / +41 - +176**
Relative humidity / with compressed air (non condensing)	RH	%	<80 / <60

DIMENSIONS

	L/W/	mm	68 / 48 / 32
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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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