

KERSTEN®

Nozzle

DD 106



The DD 106 discharge nozzles in the neXt® product family are designed to fit existing ball heads of 1/4" Ariana articulated hoses. This means that you may, for instance, extend your existing articulated hose system by adding deionising functionality.

THE PRODUCT

BENEFITS

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

CUSTOMER BENEFITS

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

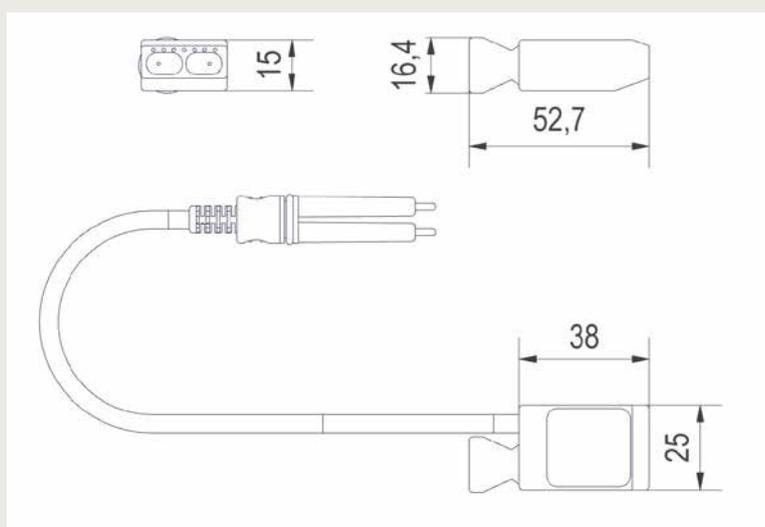
WHY KERSTEN?

- 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}	μA	<30
Connection type			neXt [®] - plug-in
Effective range possible / ideal		mm	10-600 / 10-100
DETAILS			
Air supply (oil, water and dust free)	p	bar	0.5 - 2.5
Air connection (inner thread)		G	1/4
Air consumption at 0.2 to 1.0 bar		m ³ /h	2.3 - 5.7
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	91.5 / 47.4 / 15

*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

KERSTEN ELEKTROSTATIK GMBH

Walter-Knoell-Straße 3
D-79115 Freiburg | Germany
T +49 761 47944-0 | F +49 761 47944-99
info@kersten.de | www.kersten.de

