STATIC ELECTRICITY PRODUCTS · APPLICATION

Inkjet coding conveyor line with SE-DCB-90

Bottles pick up static charge from earlier production steps and from friction on the conveyor. When a charged bottle passes the inkjet print head, the static field repels and scatters the tiny ink droplets — ink spray ("spider-webbing"), blurry text, distorted barcodes and unreadable codes. An SE-DCB-90 mounted immediately upstream of the print head neutralises the printed side of each bottle just before coding, so the droplets fly straight and the code is sharp.

WITHOUT IONIZATION



WITH SE-DCB-90



FÖGE product in this application

1 · SE-DCB-90 — before the print head

Stands vertically immediately upstream of the side-mounted print head; the pins face the printed side of the bottles, so the code area is neutral when the ink arrives.

Ionization	**9 kV pulsed DC · shockless**
Pins	**Tungsten · pin current < 250 µA**
Connector	**M12 · 4-pin cable**
Supply	**24 V DC · SE-PSU-24-C-M12**

SE-DCB-90 details Request technical quote

Also suitable for inkjet coding

Other FÖGE antistatic bars for coding and marking lines.

SE-ACB-80 — 8 kV AC · 25 – 250 mm · up to 700 m/min
High Power AC Antistatic Bar – 8 kV

Interactive 3D model: switch between both states, rotate and zoom. foge-antistatic.de/applications/inkjet-coding-se-dcb-90/

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.