



BizLink cleanDP

Cable and Media Routing for Stable Robotic Motion in Cleanroom and Dry-Cleanroom Automation

What is BizLink cleanDP?

BizLink cleanDP is a robotic cable and media routing solution for cleanroom and dry-cleanroom automation.

It helps guide, organize and protect power, data, signal and media cables during dynamic robot movement in particle-sensitive production environments.



Critical challenges we address in cleanroom automation

- **PARTICLE EMISSION DURING ROBOTIC MOTION**
Low-particle material combinations help minimize particle emission in contamination-sensitive production environments.
- **CABLE AND MEDIA ROUTING UNDER DYNAMIC MOVEMENT**
Flexible Sleeve Technology supports reliable routing of power, data, signal and media lines during dynamic robot movement.
- **INTEGRATION INTO NEW AND EXISTING ROBOTIC SYSTEMS**
Robot-agnostic, retrofit-capable and expandable design supports integration into new and existing cleanroom automation systems.

Why Choose BizLink cleanDP ?

TESTED CONFIDENCE FOR CLEANROOM USE > Independently tested by Fraunhofer IPA, providing a validated basis for use in ISO Class 1 cleanroom and ISO Class 4 dry-cleanroom environments under defined test conditions.

ENGINEERED FOR ROBOTIC MOVEMENT > Designed for dynamic multi-axis robot motion, supporting controlled cable and media guidance during repetitive movement.

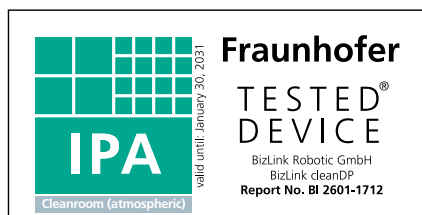
BUILT FOR FLEXIBLE INTEGRATION > Robot-agnostic, retrofit-capable and expandable design supports integration into different robotic setups, with a quick-change concept for easier maintenance.



Typical Applications >

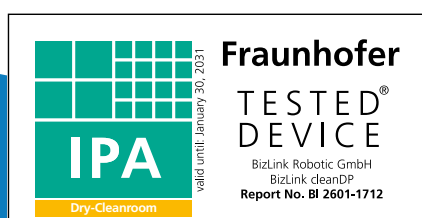
- Wafer handling and wafer platform applications
- Pick-and-place and automated handling processes
- Surface mounting and inspection applications
- Stacking applications
- Robotic cleanroom cells and automated handling systems

Independently tested by Fraunhofer IPA >



BizLink cleanDP is a robotic cable and media routing solution for cleanroom and dry-clean >

- Suitable for ISO Class 1 cleanroom under defined atmospheric cleanroom test conditions
- Suitable for ISO Class 4 dry-cleanroom under defined dry-cleanroom test conditions
- Tested with pick-and-place movement at 100% maximum velocity
- Tested in combination with Stäubli TX2-90 LSCR robot



BizLink combines

- > Specialized Cable Technologies
- > Flexible Sleeve Technology
- > Cleanroom Assemblies
- > Engineering Support, Service & Cleanroom Production Capabilities

to support tailored cleanroom automation solutions.