



Invitation

The full spectrum of smart
and digital automation with PC-based control

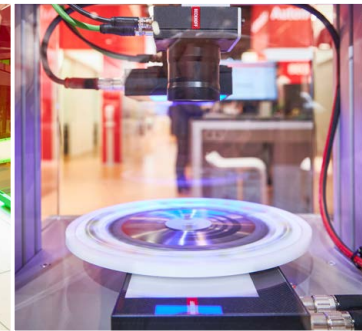
Hannover Messe 2023
17–21 April 2023
Hall 9, Booth F06

New Automation Technology **BECKHOFF**

For smart machines and systems – New Automation Technology

The Hannover Messe is practically unparalleled in terms of its international appeal. As a technology leader and PC-based control pioneer, Beckhoff will return to Hanover in 2023 with groundbreaking innovations. See how Beckhoff is driving the automation industry and digital transformation of production processes forward with its revolutionary products live, including the XPlanar planar motor system's floating tiles, the ATRO (Automation Technology for Robotics) modular industrial robot system, the MX-System for control cabinet-free automation, and Vision, a system-integrated image processing system. Find out which of our innovations can give you a competitive edge first-hand. Can't make it to Hannover Messe? With Beckhoff Live + Interactive you don't have to miss a single highlight every day at 10:00 a.m.!

Visit us at the Beckhoff exhibition booth in Hall 9, Booth F06!



Pluggable system solution for control cabinet-free automation

- modular system with IPC, coupler, I/O, drive, relay, and system modules on scalable baseplates for placing directly on the machine
- for control cabinet-free machine and system concepts in robust metal housings
- simple plug-and-play principle enables module exchange even by non-specialist personnel



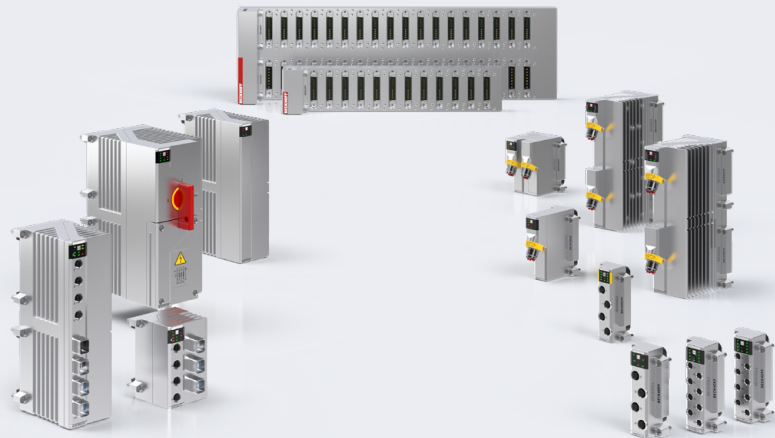
► [Learn more](#)

MX-System

The new
MX-System:
Integrated,
modular, and
compact

MX-System

► [Learn more](#)



Baseplates

Scalable baseplates:
the foundation of the
MX-System

IPC modules

Robust IPC modules
of various performance
classes

I/O modules

I/O modules for all
signals in the automation
environment

Drive modules

High-performance
servo drives and
frequency inverters

Relay modules

Relay modules
for switching low
voltages

System modules

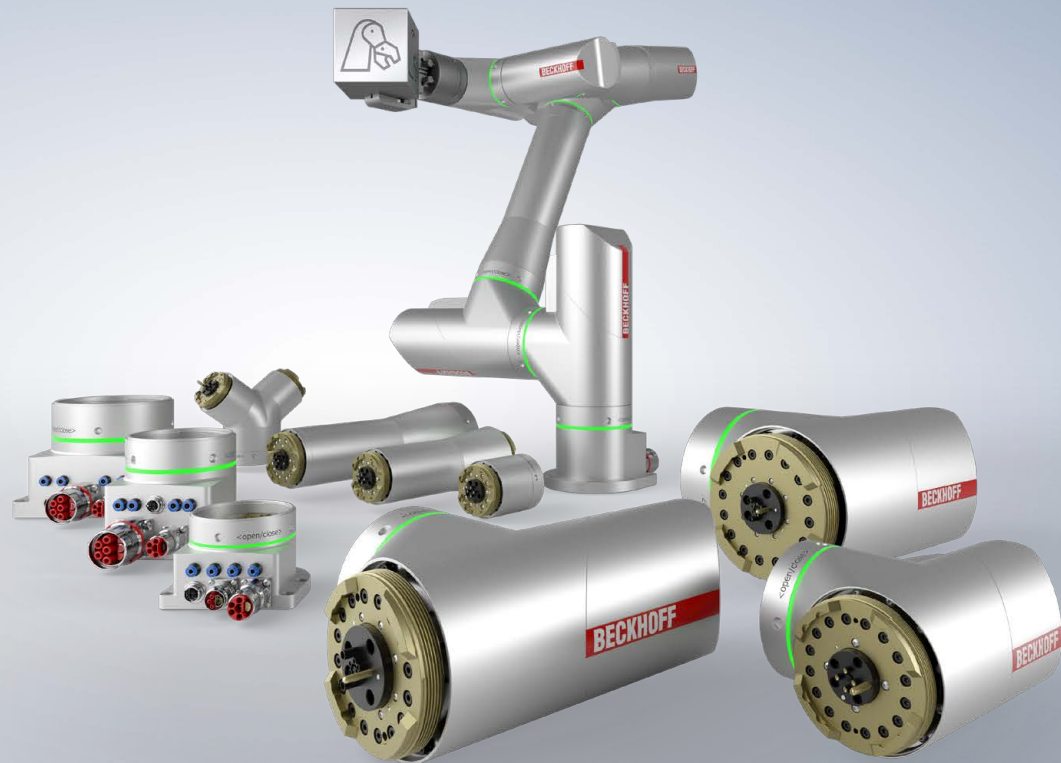
Supplementary supply,
power supply, coupler, and
power output modules



ATRO: The modular industrial robot system

- modular design with standardized interfaces
- complete integration into the control platform
- internal media feed for endlessly rotating axes

► [Learn more](#)



ATRO

Vision – Complete and system-integrated machine vision

- camera, optics, illumination, accessories and software from one supplier
- a complete vision system for direct entry
- unique advantages during installation thanks to EtherCAT P for communication and energy
- an open vision solution for seamless system integration

► [Learn more](#)





Controller redundancy maximizes plant availability: TwinCAT Controller Redundancy

- redundant design of the control system in TwinCAT prevents downtime or data loss in the event of a control system failure
- software solution based on normal Ethernet and EtherCAT; no dedicated hardware components
- simple project planning, transparent addressing of the redundant system, and support of PLC features such as LiveWatch, online change, and debugging

► [Learn more](#)

BECKHOFF Live

+ INTERACTIVE

Can't make it to Hannover? Only here for the day? Let us bring the Hannover Messe highlights to you with Beckhoff Live + Interactive!

Beckhoff Live + Interactive is our way of allowing you to experience our Hannover Messe 2023 highlights via a daily digital livestream, with exciting content prepared and presented by our experienced specialists in PC-based control.

- Streamed daily from 10:00 a.m. (UTC+2) at beckhoff.com
- No registration required
- Duration: approx. 30 minutes

► [Learn more](#)

The Beckhoff team is looking forward to your visit!



Hannover Messe 2023

17 – 21 April 2023

Hall 9, Booth F06

Opening hours:

Monday – Friday: 9:00 a.m. to 6:00 p.m.

Get your free ticket now from:

www.beckhoff.com/hannover-messe

Your Ticket-Code: oQTft

Beckhoff at partner booths:

EtherCAT Technology Group: Hall 9, Booth D18

PROFIBUS Nutzerorganisation: Hall 9, Booth D68

OWL Gemeinschaftsstand: Hall 7, Booth D27

Further information:

www.beckhoff.com/hannover-messe

www.hannover-messe.de