

Key Features

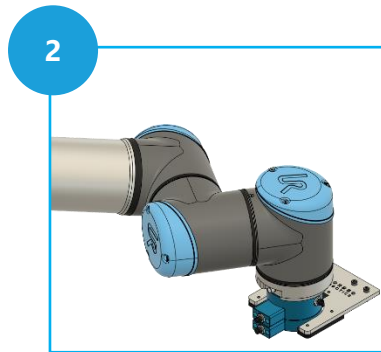
The NTC-E10 is a precise and reliable magnetic tool changer with an optional I/O coupling module. The unique use of an electro-permanent magnet discards the need for pneumatic equipment and connects directly to the robot's I/O. Simply supply power to demagnetize the tool changer and detach the tool flange. The NTC-E10 can be further supplied with I/O coupling, enabling tool-changing between electrical grippers, while maintaining connectivity. The NTC-E10 is the perfect choice of tool changer for applications unsuited for pneumatics.

- High positional repeatability
- No air-supply required
- Plug & play
- Cobot interface (Ø50 4xM6)
- Always-ON safety
- URCap Included
- Optional I/O connector
- Optional tool holder

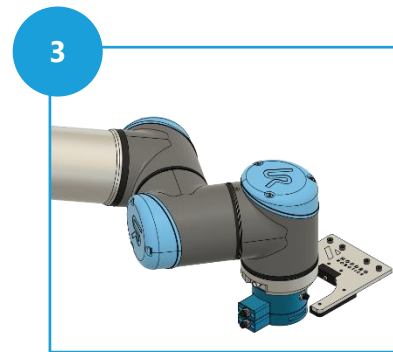
How it works



1
The robot moves to the tool holders' position



2
The robot clamps on the tool flange.



3
The robot moves the tool flange outside the tool holder.

Technical Specifications

Dimensions, Assembled (Diameter x Height)	Ø: 65 H: 52 mm (When mounted H: 49 mm)
Tool Changer I/O	24V, 1A (ON/OFF)
Weight (excl. NTC-IO)	531 g
Weight (incl. NTC-IO)	602 g
Minimum Clamping Distance	2 mm
Max Payload (FOS=2.5)	10 kg
Avg. Max Static Moment Capacity X, Y (FOS=2)	2,5 Nm
(Optional) I/O 8-Pin Coupler, signal	24V, 1A
Positional Repeatability, X	0.026 mm
Positional Repeatability, Y	0.063 mm

*FOS = Factor of Safety

* Payload's center of gravity must be placed directly below the tool changers center point for the maximum capacity.

Mechanical Dimensions

