

# **Manual Robotic Tool Changers | Hybrid Interfaces Modules | MEK100-R**

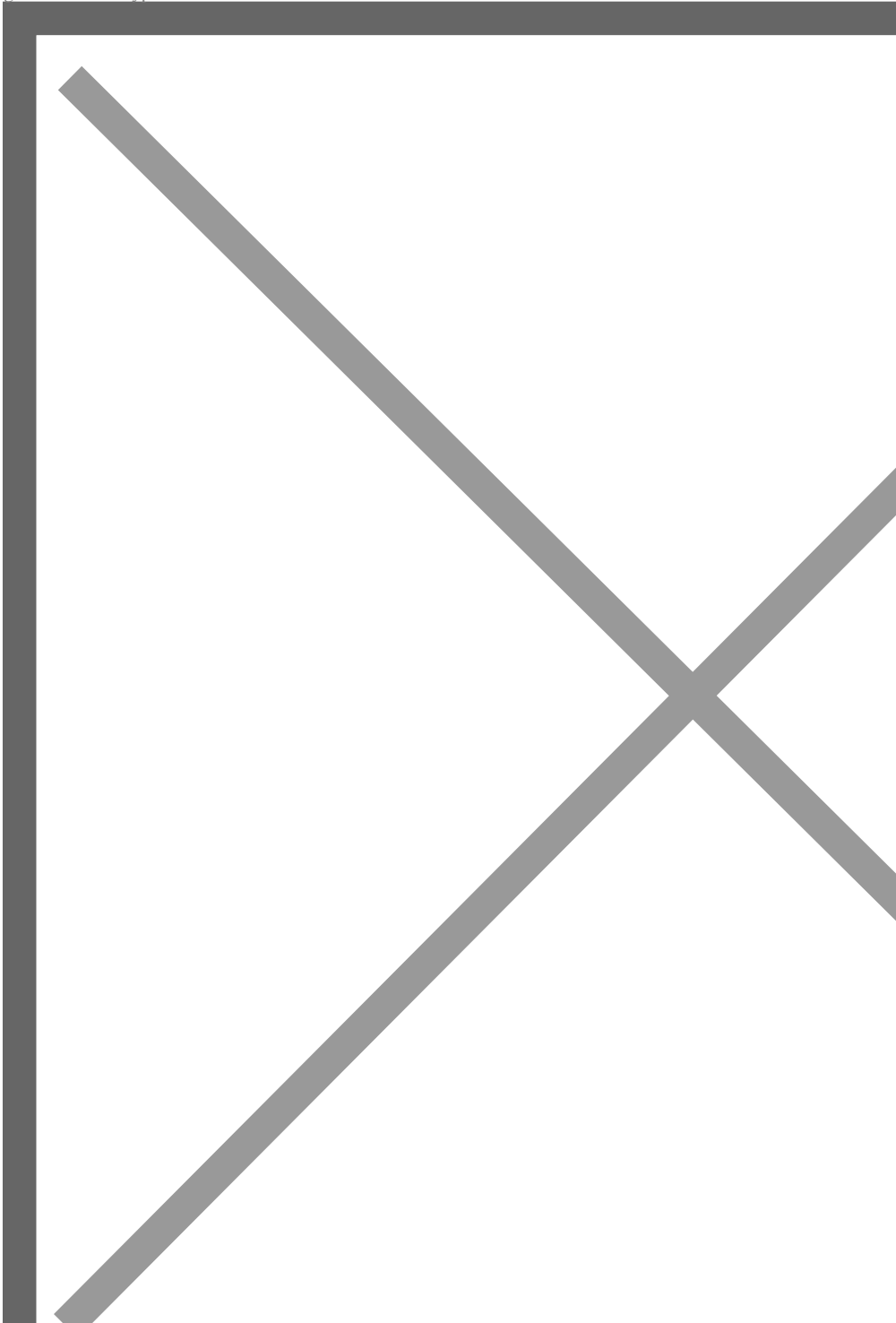
**Sous titre**

**MEK-R: the future of multi-energy coupling with spring contacts  
and check valves**





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The MEK100-R module allows the simultaneous transmission of energy, air and vacuum pressure drop thanks to its non-return valve. Increase your productivity with robust connectors and increased flexibility in output connectors.

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MEK-R Multi-Energy-Coupling is equipped with non-return valves on the robot side for the four air passages, thus allowing the unlocking of the MGW coupling under pressure. The electrical contacts have been replaced by spring contacts for a better electrical connection. The advantages of the MEK-R include simultaneous mechanical, electrical and pneumatic connection and automatic closing of the pneumatic passages thanks to the non-return valves. Available in 4 X air passages and 12 electrical pins versions for MEK 063 (MGW 063, SWS 063) and MEK 100 (MGW 100, SWS 100).

## **Advantages**

## **Benefits**

- Increased productivity with robust connectors
- Great flexibility in output connectors
- Reduced maintenance times with a high cycle rate

## **Related industries**

## **At your service**

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### MEK100-R

<b>Operating temperature</b>	-30 to +120 °C	
<b>Type</b>	Hybrid Interfaces Modules	
<b>Protection rating</b>	IP40	
<b>Weight</b>	0.110	0.060
<b>Contact durability</b>	50000 cycles	
<b>Materials</b>	Al, anod.	
<b>Operating pressure</b>	-1 to 8 bar	
<b>Pneumatic Ducts</b>	4 x PR4	
<b>Electrical Ducts</b>	12 x 2A (63-120V, 20m?)	

**Notice :** The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

**No files actually**

For more informations

[Contact us](#)

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The manual Tool Changers are designed and manufactured by GRIP GmbH.

Product Engineering Services is the Distributor of GRIP for the territory of Belgium and France