

Manual Robotic Tool Changers | Hybrid Interfaces Modules | MEK063-R

Sous titre

Experiment with mechanical, electrical and pneumatic connection with the MEK-R multi-energy coupling





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.

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 The electrical contacts have been replaced by spring contacts for a better electrical connection.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

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MEK063-R

Operating temperature	-30 to +120 °C	
Type	Hybrid Interfaces Modules	
Protection rating	IP40	
Weight	0.110	0.060
Contact durability	50000 cycles	
Materials	Al, anod.	
Operating pressure	-1 to 8 bar	
Pneumatic Ducts	4 x PR4	
Electrical Ducts	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

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No files actually

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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

Applications