

# **Manual Robotic Tool Changers | Hybrid Interfaces Modules | MEK160-4G38-1E**

**Sous titre**

**MEK160 module with 3/8" pneumatic connection, the essentials in a  
hybrid module**







The MEK160-4G38-1E module allows the simultaneous transmission of power, air and vacuum, with different versions available to suit your needs. Increase your productivity with its 4 robust 3/8" connectors and its central connector.

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Discover the MEK Multi-Energy-Coupling, the accessory of MGW changers that allows the simultaneous transmission of energy, air and vacuum. With its many advantages, it extends MGW mechanical interfaces and replaces additional connections. In addition, it transmits compressed air and vacuum from the upper assembly to the lower assembly and conducts 12 electrical signals. Available in different versions to meet your specific needs. Contact us for custom applications. MEK Multi-Energy-Coupling (for MGW, SWS) - Air, energy and vacuum. Versions available: 4 air passages, 6 or 12 electrical spits or 4 air passages and 6 electrical spits.

## **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**

Need help in selecting the right product ?

Need more information ?

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- [Technical Info](#)
- [Drawings](#)
- [3D](#)

### **MEK160-4G38-1E**

**Operating temperature** -30 to +120 °C

**Type** Hybrid Interfaces Modules

**Protection rating** IP40

**Weight** 0.350 0.170

**Contact durability** 50000 cycles

**Materials** Al, anod.

**Operating pressure** -1 to 8 bar

**Pneumatic Ducts** 4 x G3/8

**Electrical Ducts** 12 x 9A (63V, 3m?)

**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

## **Applications**