

CLAMPING ELEMENTS | PNEUMATIC

MCPS1701B

▶ PRODUCT ADVANTAGES



- ▶ **small construction**
For all common miniature profile rail guides
- ▶ **Energize to open (NC)**
through spring-loaded energy storage
- ▶ **high durability**
Up to 5 million static clamping cycles
- ▶ **Higher holding force**
Via activation with PLUS air
- ▶ **Safety element**
Safe clamping in case of energy failure

▶ TECHNICAL DETAILS



- ① **Miniature profile rail guide**
 - Available for all common miniature profile rail guides
- ② **Wedge-type gear**
 - Power transmission between piston and clamping jaw
- ③ **Clamping jaw**
 - Pressed at the free surfaces of the profile rail guide
- ④ **Housing**
- ⑤ **Pneumatic piston**
 - The piston moves the wedge-type gear longitudinally
- ⑥ **Spring-loaded energy storage**
 - For non-pressurized closing of the clamping unit
- ⑦ **Sliding block**
 - For floating bearings

▶ INFORMATION ON THE PRODUCTS

APPLICATION SCENARIOS

- ▶ **Clamping in case of pressure drop**
- ▶ **Clamping without energy requirement**

FURTHER INFORMATION

- ▶ **Special variants on request, e.g.**
 - With low opening pressure (3.0 bar)
 - With additional air connection (from above, from the front)
 - made of stainless steel

