For rapid separation of persons
For access control, steering visitors, and passage into secured areas – MPW swing gates are the ideal solution for the rapid separation and control of persons. Variants with enlarged passage widths also make the MPW suitable for wheelchairs, prams, and the transport of materials. Passage fundamentally takes place without contact. Photoelectric switches in the housings reliably detect users and open the gates before they come into contact with them. The barriers close automatically after passage.

The sensitive impact detection of the MHTM™ drive ensures maximum personal safety. The photoelectric switches also contribute towards security: they register the passage of persons attempting to follow through, passage in the wrong direction, or the lack of authorisation and trigger an alarm. The swing gates can be used bi-directionally and can be regulated with all common access control systems. The barrier elements are available with acrylic glass or hardened safety glass.

For high personnel flow through passages
Passages in railway stations, airports, and fairgrounds are subject to increasingly high personnel flow. Here, the MPW swing gates provide the ideal solution: they are designed for very fast and safe, almost inaudible opening and closing times.

The MPW swing gates provide particularly fast passage times with high personnel flows.

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Rapid separation of persons
The short opening times of 0.6 seconds make MPW swing gates suitable for rapid separation of persons in areas with low to medium security requirements.

Innovative drive technology
The MHTM™ drive unit is maintenance-free, energy-efficient and quiet. Sensitive impact detection ensures maximum personal safety.

Reliable processes
Photoelectric switches in the passage reliably detect persons and objects. They enable non-contact passage and trigger an alarm in the case of improper use.

Easily accessible components
All the control and drive components necessary for operation are accommodated in the lockable central segment – considerably simplifying commissioning and maintenance.
### MPW Swing gates

- Short opening times of 0.6 seconds for a high throughput frequency
- Sleek design and comfortable non-contact passage
- Simple integration of all common access control systems
- Automatic opening if power fails
- Wide variants suitable for wheelchairs and bicycles
- Designed for 10 million opening and closing actions

### Technical data

<table>
<thead>
<tr>
<th></th>
<th>MPW 112 (Standard)</th>
<th>MPW 112 (Wide Lane)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passage width</td>
<td>550 mm</td>
<td>900 mm</td>
</tr>
<tr>
<td>Opening/closing time</td>
<td>0.6 s</td>
<td>1.0 s</td>
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<tr>
<td>Drive technology</td>
<td>MHTM™</td>
<td>MHTM™</td>
</tr>
<tr>
<td>Voltage</td>
<td>110 – 240 VAC, 50/60 Hz</td>
<td>110 – 240 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Maximum 120 W</td>
<td>Maximum 120 W</td>
</tr>
<tr>
<td>Duty cycle</td>
<td>100 %</td>
<td>100 %</td>
</tr>
<tr>
<td>Housing dimensions (L x W x H)</td>
<td>1750 x 150 x 1045 mm</td>
<td>1750 x 150 x 1045 mm</td>
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<tr>
<td>Housing material</td>
<td>Stainless steel V2A</td>
<td>Stainless steel V2A</td>
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<tr>
<td>Enclosure rating</td>
<td>IP 32</td>
<td>IP 32</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0 to +45° C</td>
<td>0 to +45° C</td>
</tr>
</tbody>
</table>

### Options

- **Barrier elements**: Acrylic glass or hardened safety glass
- **Attachments**: Customer-specific access control systems

### Potential applications
A wide variety of space-saving applications for pedestrians and wheelchair users can easily be implemented using a combination of modules with gates on one or two sides and with narrow or wide passages.

**Dimensional drawings**

MPW 112 Standard with 550 mm passage width

MPW 112 Wide Lane with 900 mm passage width

**Line configuration with combinable modules**
Magnetic stands for pioneering products – in every way. Our access control systems for vehicles or pedestrians clear the way for thousands of people every day – at car parks, toll gates, stations, airports and in buildings. Our technology is also pioneering, however: with innovative drives, intelligent control systems and well thought-out details it provides maximum safety and longevity. Are you also on the path to Magnetic?

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