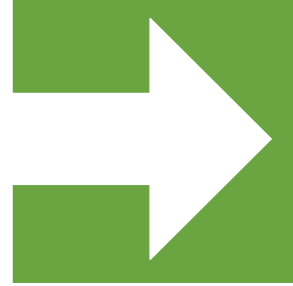


# Barriers

MHTM™ MicroDrive

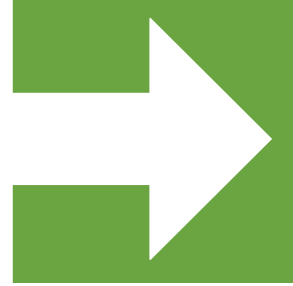


Parking Pro-M



# Parking Pro-M

## MHTM™ MicroDrive



**PARKING PRO-M** barriers were specifically designed for highly frequented applications. The **PARKING PRO-M** barriers do not only offer fast opening times, long-life cycle, reliability and quality. Furthermore, they amaze with extraordinary design, extremely low operational costs, easy handling and almost maintenancefree technology.

In a nutshell: **PARKING PRO-M** barriers are the first choice for car park operators that need to establish an easy and reliable vehicle access control.

- **High ease of use and maximum accessibility**
- **Only 95W power consumption**
- **MCBF of 10 Mio cycles**
- **Safe control unit according to EN 13849**
- **Maximum connectivity (I/O, TCP/IP, RS-485, etc.)**
- **Best protection against corrosion thanks to extruded aluminium profiles and a base frame made of stainless steel**
- **Winner of the Red Dot Award Product Design 2012 and German Design Award 2014**



### CONTROL UNIT

The control unit MGC Pro is compliant with EN 13849. It is located directly underneath the top cover and can be accessed from all sides. Configuring the barrier is easily accomplished via the LCD's intuitive user interface that can be navigated with just 4 push-buttons.



### MICROBOOM AND BREAK-AWAY FLANGE

The Microboom with a foamed edge offers best protection against damages and harm to people. The optionally available break-away flange may be used to drop the whole barrier boom in case of an unwanted or forced drive-through.



### DRIVE UNIT

The drive unit is small in size but allows to obtain a high torque with an extremely minimized power consumption. The high torque guarantees best operation even under severe weather conditions. The motor, motor controller and gearing are all combined in one compact drive unit.



### LED ILLUMINATION STRIP

The optional LED strips illuminate the closing edge of the barrier boom on both sides. They are securely installed underneath the foamed edge protection.

The LED strips vastly enhance the visibility of the barrier boom. Even under poor conditions or at night, the barrier boom may be recognized from a long distance.

## TECHNICAL DATA

|                            |  |
|----------------------------|--|
| Lane width max.            | <b>3.5 m</b>   |
| Opening / closing time     | <b>1.3 s</b>   |
| Power consumption max.     | <b>95 W</b>  |
| Duty cycle                 | <b>100%</b>  |
| Supply voltage             | <b>Wide voltage range 85 - 264 V AC</b>              |
| Frequency                  | <b>50 - 60 Hz</b>                                    |
| Housing dimensions (WxDxH) | <b>315 x 360 x 1115 mm</b>                           |
| Weight (without boom)      | <b>44 kg</b>   |
| Housing design             | <b>Powder-coated aluminium</b>                       |
| Base frame                 | <b>Powder-coated stainless steel</b>                 |
| Protection class           | <b>IP 54</b>   |
| Compliant with             | <b>2004/108/EC, 305/2011, 2006/42/EC, CE, UL 325</b> |
| Temperature Range          | <b>-30 to +55 °C</b>                                 |

## FEATURES

|                                    |                 |
|------------------------------------|-----------------|
| Microboom                          | <b>Standard</b> |
| Control unit                       | <b>MGC Pro</b>  |
| Integrated 2-channel loop detector | <b>Standard</b> |
| Control unit modularly extendable  | <b>Standard</b> |
| Variable I/O assignment            | <b>Standard</b> |
| Number of digital inputs           | <b>8</b>        |
| Number of relay / digital outputs  | <b>6/4</b>      |
| Closing times selectable           | <b>Standard</b> |
| Opening times selectable           | <b>Standard</b> |
| Solar / battery option             | <b>Optional</b> |
| Extended accessories               | <b>Optional</b> |
| Specified number of cycles         | <b>10 Mio</b>   |