VENUS
**Motorised gate closer for pedestrian swing gates**

**CHARACTERISTICS**

* Electric gate closer.
* Features reversible motor.
* Can always be operated manually.
* Suitable for gates up to max. 100 kg and up to 1400 mm wide.
* Maximum motor power of 150 Nm.
* For gates with an opening angle of up to 175°.
* Opening resistance of maximum 15 Nm.
* Closing speed can be adjusted.
* Motor power can be adjusted.
* Has motor damping.
* Has a slow start/stop mode.
* Possible to open the gate with a light push (Push-&-Go)
* Has integrated obstacle detection.
* Has an integrated warning light.
* Choice of 3 types of connecting arms:
	+ A sliding arm, suitable for combination with 90° hinges
	+ An articulated arm, suitable for combination with 90° hinges, with distances of up to 250 mm between motor and hinge shaft
	+ An arm to be combined with 180° hinges
* Designed and produced in Europe or the United States.
* Conforms to ADA (*Americans with Disabilities Act*) guidelines.
* Conforms to ROSPA (British organisation, *Royal Society for the Prevention of Accidents*) guidelines.
* In accordance with the EN12453 & EN16005 standard for the safe use of automatic door systems.
* Must be combined with an electric or mechanical lock.
* For fully automatic opening, it must be combined with an electromagnetic strike plate, a mechanical lock with electric strike or a motorised bolt.
* Available in black or silver.

**PERFORMANCE**

* Specifically developed for outdoor use.
* Weatherproof and dustproof.
* IP55 rated.
* Maintenance-free (no need to lubricate or add oil). *Always verify if there are specific safety regulations by local authorities.*
* 2 year manufacturer's warranty.
* Tested on 500,000 movements.

**INSTALLATION**

* For gate profiles of at least 80 mm, with a material thickness of at least 2 mm steel
* For installation on gate profiles of at least 60 mm or walls, a VENUS-ADAPTERPLATE is available.
* To be mounted in drill holes of 15 mm - pre-drilled with a drilling template.
* For installation of VENUS-S or VENUS-A on gates with a 180° hinge, a VENUS-RAIL accessory is available that allows the Venus motor to be mounted under the hinge.
* Suitable for both left and right turning gates.
* Requires a strike to determine the zero position.
* No safety sensors required thanks to the standard low energy mode.
* 3D installation video is available in an app.
* 3 configurable inputs for connecting access control, security sensors, etc.
* 3 configurable outputs for connecting an electric strike, electromagnetic strike plate, warning lamp or ambient lamp and a fixed 24V DC power supply.

**CONFIGURATION**

* Programming via an app
* Step-by-step guide with video instructions available within the app
* App is available for ANDROID and IOS

**MATERIAL**

* Anodised aluminium housing.
* Corrosion resistance of 500 hours in salt spray test, according to ISO9227.
* UV-resistant and colour-fast.