



## For private, public and industrial car parks.

Electromechanical barrier gate operator with encoder.

**Powerful and quick:** electromechanical 24 Vdc gear motor, 500 W power and up to 250 Nm torque. It opens up completely (90°) in just 1.8 seconds (Signo3), 3 seconds (Signo4), 6 seconds (Signo6). Models with a 230 Vac or 110 Vac power supply.

### Even more sophisticated and well-developed control unit:

The same for all models, it automatically recognises and memorises the Signo model on which it is installed thereby eliminating the first installation procedure. Signals that the power supply is correct when started and that the control unit is functioning correctly. Automatic diagnostics during operation, with differentiated visual signals according to the type of fault.

**Intelligent:** the manoeuvre will invert automatically if the bar comes into contact with an obstacle.

The control unit automatically corrects any eventual lack of balance linked to variations in the climate or poor installation.

**Safe:** the innovative control unit utilises a revolutionary management system of the force, speed, acceleration and deceleration that can be **programmed at 6 levels**, at the beginning and at the end of the manoeuvre. Programming is intuitive and automatic with the Nice Encoder technology: simply push a button and Signo will comprehend the limit switch limits.

**Large openings:** a master/slave selection automatically synchronises two opposing barriers enabling the automation of transit points up to 8 and 12 m.

**Convenient:** separate compartments for electronics and mechanics provide the user with easy access without damages to internal parts.

### Exclusive functions:

- the barrier will close immediately after the vehicle has passed through;
- it has two types of traffic-light type signals;
- there is an automatic safety test at the beginning of each manoeuvre;
- constant resistance STOP input for connecting the latest generation of sensitive edges;
- there is a manoeuvre counter and it is possible to programme the maintenance alarm threshold.

### Intensive use for long periods of time:

Ideal for automating private, public or industrial car-parks which are subjected to the frequent passage of vehicles during the day.

Irreversible 230 Vac, 24 Vdc motor, with anchorage base included:

Code	Description
<b>SIGNO3</b>	For bars up to 3 m, with galvanised steel painted case
<b>SIGNO3I</b>	For bars up to 3 m, with satin stainless steel case
<b>SIGNO4</b>	For bars up to 4 m, with galvanised steel painted case
<b>SIGNO4I</b>	For bars up to 4 m, with satin stainless steel case
<b>SIGNO6</b>	For bars up to 6 m, with galvanised steel painted case
<b>SIGNO6I</b>	For bars up to 6 m, with satin stainless steel case

## Technical specifications

Code	SIGNO3 - SIGNO3I	SIGNO4 - SIGNO4I	SIGNO6 - SIGNO6I
<b>Electrical data</b>			
Power supply (Vac 50/60 Hz)	230		
Absorption (A)	1.1	1.3	1.3
Power (W)	300	300	500
<b>Performance data</b>			
Min.÷max. opening time (s)	1.8÷4	3÷6	6÷10
Torque (Nm)	130	200	250
Work cycle (cycles/hour)	600	400	250
<b>Dimensional and general data</b>			
Protection level (IP)	44		
Working temp. (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	320x200x1070 h		420x220x1070 h
Weight (kg)	50		58