

M-BAR

SOLEMYO OPERA BLUEBUS 24V

Electromechanical road barrier system for control of road access.

24 Vdc gear motor with built-in control unit and loop detector.

For bars up from 3 to 7 m.

Modular: bars are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to “master/slave” function.

Strength and reliability: robust structure in steel, new high strength balancing springs guaranteed up to 1,000,000 opening and closing operations and elliptical section bar with high wind-gust resistance.

Optional flashing or traffic light can be integrated in cover.
Encoder movement control and electromechanical limit switches.
More comfort and safety in programming and maintenance phases: the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

More safety and reliability: obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

Energy saving: the system sets to standby when not in use to save consumption.

No blackouts: emergency backup power with the optional batteries housed inside the case.

Release from side with metal key, can be installed on either side.



IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR

2. SELECT THE BAR

3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

WITH BAR UP TO 3 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M3BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M3BARI	WITH STAINLESS STEEL CASE

WITH BAR UP TO 4 OR 5 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M5BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M5BARI	WITH STAINLESS STEEL CASE

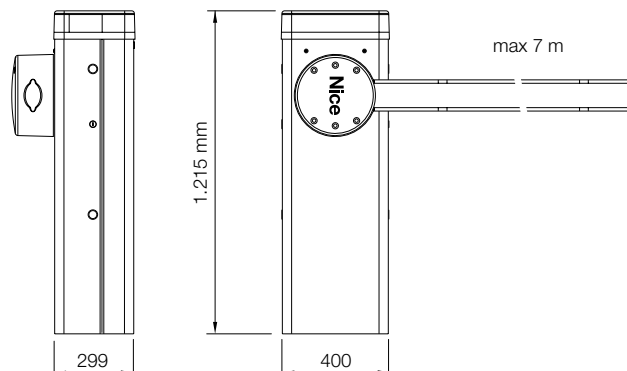
WITH BAR UP TO 5, 6 OR 7 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M7BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH
M7BARI	WITH STAINLESS STEEL CASE

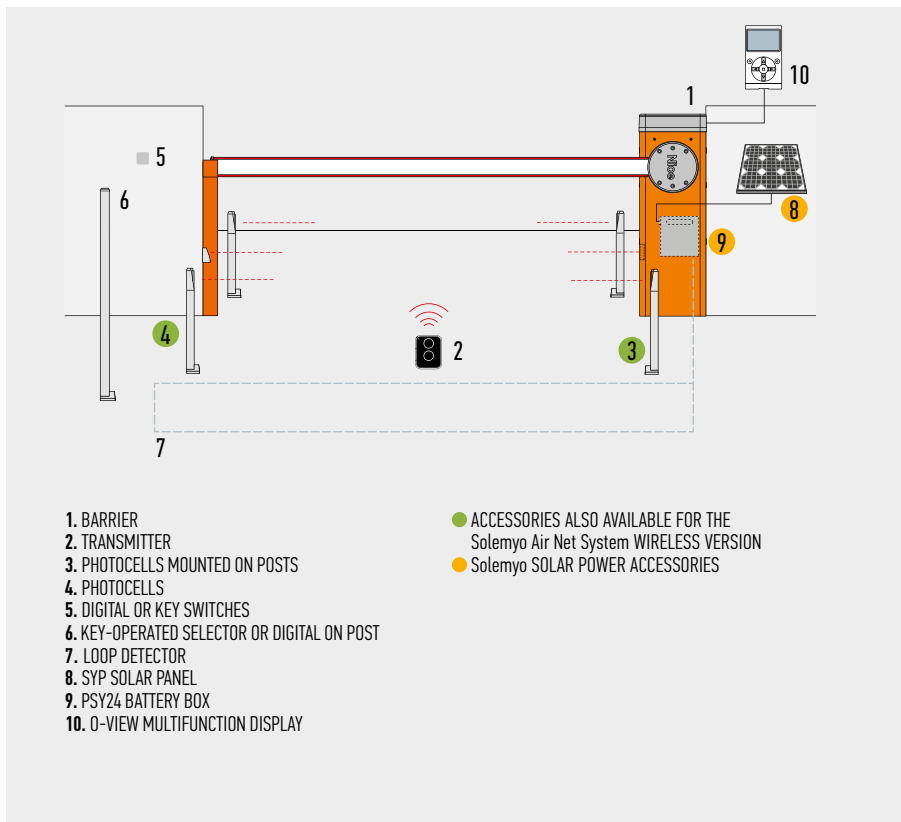
TECHNICAL SPECIFICATIONS

CODE	M3BAR	M3BARI	M5BAR	M5BARI	M7BAR	M7BARI
ELECTRICAL DATA						
POWER SUPPLY (Vac 50/60 Hz)				230		
POWER SUPPLY (Vdc)				24		
ABSORPTION (A)	1,3		1,1		1,1	
POWER (W)	150		110		110	
PERFORMANCE DATA						
SPEED MIN.=MAX. (S)	1,5 ÷ 4		3 ÷ 6		6 ÷ 10	
TORQUE (Nm)	100		200		300	
WORK CYCLE (CYCLES/HOUR)	600		450		200	
DIMENSIONAL AND GENERAL DATA						
PROTECTION LEVEL (IP)				54		
WORKING TEMP. (°C MIN/MAX)				-20 ÷ +55		
DIMENSIONS (mm)				400x299x1215 h		
WEIGHT (kg)				80		85

DIMENSIONS



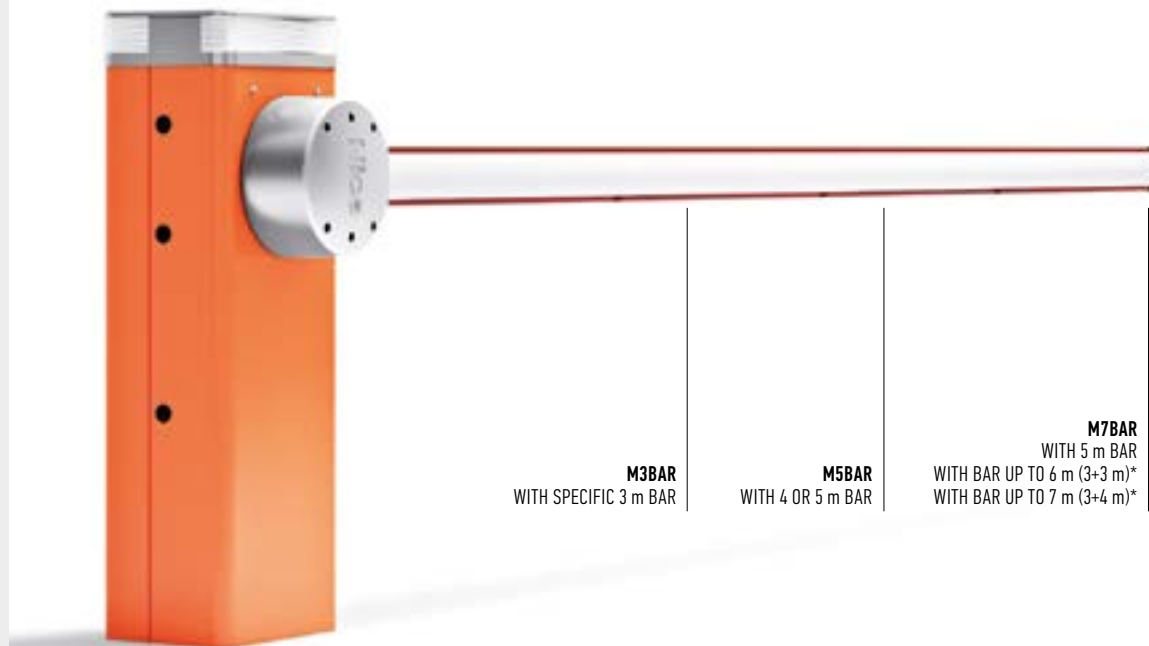
INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	RECEIVER		TRANSMITTER				PHOTOCELLS							FLASHING LIGHT							
	Built-in*	FLOX2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
M3BAR / M3BARI			●								●	●	●			●	●			●	●
M5BAR / M5BARI			●	●	●	●	●				●	●	●			●	●			●	●
M7BAR / M7BARI			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system



*Use XBA9 joint to assemble bars



KIT SOLEMYO
 THE SOLAR POWER TO
 AUTOMATE GATES, GARAGE
 DOORS OR BARRIER GATES.
 SEE PAGE 200

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE
 OPERATOR SYSTEMS

FOR GARAGE
 AND INDUSTRIAL DOORS

CONTROL SYSTEMS
 AND ACCESSORIES

COMPATIBILITY TABLE
 AND ALPHABETICAL INDEX

ACCESSORIES M-BAR

ACCESSORIES FOR M3BAR, M5BAR, M7BAR



XBA3HF
SPARE CONTROL UNIT.
PC/PACK 1



PS224
24 Vdc BUFFER BATTER.
PC/PACK 1



XBA13
RUBBER IMPACT PROTECTION
STRIP. LENGTH 1 m.
PC/PACK 9



WA10
RED ADHESIVE
REFLECTOR STRIPS.
PC/PACK 24



XBA8
INTEGRABLE TRAFFIC LIGHT.
PC/PACK 1



XBA7
INTEGRABLE FLASHING LIGHT.
PC/PACK 1



XBA16
ANCHORAGE BASE WITH
CLAMPS, FOR MBAR.
PC/PACK 1



WA11
ADJUSTABLE STAND
FOR BARS.
PC/PACK 1

BARS FOR M3BAR

ACCESSORIES FOR M3BAR



XBA15
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x3150 mm.
PC/PACK 1



XBA4
INDICATOR LIGHTS FOR CLICK
FIXTURE ON UPPER OR LOWER
SIDE OF BAR. LENGTH 4 m.
PC/PACK 1



XBA10
PIVOT JOINT
FOR BARS UP TO 4 m.
PC/PACK 1



XBA11
JOINT FOR BARS XBA15
(FROM 1950 mm
TO 2400 mm).
PC/PACK 1

BARS FOR M5BAR



XBA14
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x4150 mm
PC/PACK 1



XBA5
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x5150 mm.
PC/PACK 1

ACCESSORIES FOR M5BAR



XBA4
INDICATOR LIGHTS FOR CLICK
FIXTURE ON UPPER OR LOWER
SIDE OF BAR. LENGTH 4 m.
PC/PACK 1



XBA6
INDICATOR LIGHTS FOR CLICK
FIXTURE ON UPPER OR LOWER
SIDE OF BAR. LENGTH 6 m.
PC/PACK 1



XBA10
PIVOT JOINT
FOR BARS UP TO 4 m.
PC/PACK 1



XBA11
JOINT FOR BARS XBA15 AND
XBA14 (FROM 1950 mm
TO 2400 mm).
PC/PACK 1



WA12
MOBILE STAND FOR BARS
- *NEW FULLY REINFORCED
VERSION.*
PC/PACK 1



WA13
ALUMINIUM RACK UP TO 2 m.
PC/PACK 1

BARS FOR M7BAR



XBA15
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x3150 mm.
PC/PACK 1



XBA14
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x4150 mm
PC/PACK 1



XBA5
WHITE PAINT-FINISHED
ALUMINIUM BAR
69x92x5150 mm.
PC/PACK 1



XBA9
EXPANSION JOINT.
PC/PACK 1



XBA6
INDICATOR LIGHTS FOR CLICK
FIXTURE ON UPPER OR LOWER
SIDE OF BAR. LENGTH 6 m.
PC/PACK 1



XBA18
INDICATOR LIGHTS FOR CLICK
FIXTURE ON UPPER OR LOWER
SIDE OF BAR. LENGTH 8 m.
PC/PACK 1



WA12
MOBILE STAND FOR BARS
- *NEW FULLY REINFORCED
VERSION.*
PC/PACK 1



WA13
ALUMINIUM RACK UP TO 2 m.
PC/PACK 1

ACCESSORIES FOR M7BAR