

# ProLine – The ideal control for each application

# Venetian blind drives and controls – precise and reliable



	MemoTec	TempoTec	AstroTec	AeroTec	Aero	VarioTec	Monotel	LumeroTel	VarioTel	VarioTel Plus	VarioTel Plus 10	MemoTec-868	AstroTec-868	UniTec-868	TempoTel	Aero-868 Plus	Sensero-868 AC	VarioTec-868 JA	Combio-868 JA	Lumero-868
Suitable for:																				
- Venetian blinds	*	*	*																	
- Individual control																				
- Group/central control																				
External inputs																				
Radio transmitter																				
Radio receiver																				
Manual/auto sliding switch																				
Up-stop-down buttons																				
Sun and wind functions																				
Sun function																				
24-hour command repetition																				
7-day command repetition																				
Basic Astro programme																				
Full Astro programme																				
Astro shift																				
Town selection																				
Longitude/latitude setting																				
Time zone																				
Pre-selected switching time																				
Secondary switching time																				
Connectable sun sensor																				
Connectable twilight sensor																				
15 pre-set languages																				
Intermediate position																				
Tilting position																				
Holiday programme																				
Auto summer/winter switch																				
Run time setting																				
5+1 channels																				
10+1 channels																				

\*without Aero/Aero-868

Your elero specialist supplier:

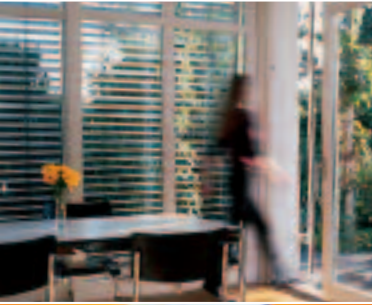
ProLine control units are compatible with many standard switches and complement modern interiors. All devices can be installed into conventional flush mount housings.

Technical parameters subject to change. GB-13 600.0901/0409



# elero venetian blind drives make life more comfortable

# Optimum performance through precision and reliability



elero venetian blind drives offer many advantages



elero JA drives ensure very easy operation ...

### Maintenance-free

The performance of elero's "JA" venetian blind drives can be perfectly adapted to venetian blinds. The reliable drives operate with high precision and are maintenance-free. In short, you can entirely trust elero drives. The squirrel cage motors have an integrated thermal protection and conveniently adjustable limit switches with a range of up to max. 85 revolutions. The limit switches for the upper and lower end positions are individually accessible from the outside. This makes it possible to use these drives in nearly all situations. All the types have the same output speed of 26 rpm at the shaft to ensure uniform façade operation.

### Increased operating safety

Quality is maintained by the indestructible, maintenance-free planetary gears, the splash-proof motor housing and the standard use of high-precision individual parts. The accurately functioning, latching limit switches which are easily accessible for both directions highlight the technical advantage of elero's "JA" venetian blind drives. The same applies to the dimensions. With their dimensions of 55 x 55 mm, the drives can be installed in every head rail. In addition, the JA-Soft drives are fitted with a noiseless and wear-free brake. This brake ensures a precise positioning and prevents the disturbing clicking noises when the venetian blind starts and stops. Thus, the Soft drives are particularly suitable for interior blinds.

### JA Soft-SMI

The JA Soft-SMI is a venetian blind drive with integrated SMI interface. This drive provides feedback information and can communicate with a bus system (e.g. EIB, LON) via a corresponding actuator. elero's product range also includes the SMI/EIB actuator.



... and are even better when combined with radio transmitters and receivers.



Type	Max. torque	Power	Current consumption	Operating mode – intermit.	Insulation class	Capacitor	Cable length with plug		Cable cross section	Protection class	EMV	RoHS	CE
							Stas 3	Stas 4					
JA 06 e	6 Nm	100 W	0.45 A	6 min	F	external	0.8 m		4 x 0.75	IP44	•	•	•
JA 06 dk	6 Nm	100 W	0.45 A	6 min	F	internal	0.8 m		4 x 0.75	IP44	•	•	•
JA 10 dk	10 Nm	120 W	0.53 A	5 min	F	internal	0.8 m		4 x 0.75	IP44	•	•	•
JA 20 dk	20 Nm	190 W	1.05 A	4 min	F	internal	0.8 m		4 x 0.75	IP44	•	•	•
JA 05 Soft	5 Nm	100 W	0.45 A	5 min	H	internal	0.8 m		4 x 0.75	IP44	•	•	•
JA 09 Soft	9 Nm	170 W	0.75 A	4 min	H	internal	0.8 m		4 x 0.75	IP44			•
JAR 06 dk	6 Nm	100 W	0.45 A	6 min	F	internal		1.0 m	5 x 0.75	IP44	•	•	•
JAR 10 dk	10 Nm	120 W	0.53 A	5 min	F	internal		1.0 m	5 x 0.75	IP44	•	•	•
JAR 20 dk	20 Nm	190 W	1.05 A	4 min	F	internal		1.0 m	5 x 0.75	IP44	•	•	•
JA 05 Soft-SMI	5 Nm	100 W	0.45 A	5 min	H	internal		1.0 m	5 x 0.75	IP44	•		•
JA 09 Soft-SMI	9 Nm	170 W	0.75 A	4 min	H	internal		1.0 m	5 x 0.75	IP44	•		•
JA 10 NHK	10 Nm	120 W	0.53 A	5 min	F	internal	0.8 m		4 x 0.75	IP44	•		•

230V 50Hz is the standard version  
110-120V; 210-240V 60Hz / 100V; 200V 50Hz available on request

elero drives are always a good choice as they are powerful, robust and reliable, maintenance-free and space-saving. Together with the elero control units, they form an unbeatable team.



# elero's wide range of control units caters for all requirements



The ProLine series offers maximum convenience. ProLine control units can open and close venetian blinds automatically using sun and wind sensors or timers.



Technical perfection, high standards of quality and innovative design define these control units. Further advantages are straightforward operation, large buttons and clear displays. The component-based design allows for a wide variety of applications. Needless to say that the control units are easy to connect and compatible with many standard switches.



### MemoTec

Automatically operated venetian blinds not only provide protection from prying eyes but also help to save energy in the winter by opening and closing at just the right time. The intelligent switch MemoTec helps you to do this.



### TempoTec

The simple timer opens venetian blinds at pre-selected times and closes them automatically at sunset or at pre-selected times.



### AstroTec

The convenient timer provides the optimum opening and closing times for venetian blinds. These times vary depending on sunrise and sunset but can also be individually programmed. This is particularly useful during holidays.



### AeroTec

The AeroTec is the perfect weather station for each sun protection system. When used in combination with sensors, this control unit ensures fully automatic operation of the system according to the weather conditions.



### Aero

The Aero measures light intensity and wind speed. The results are transmitted to the AeroTec. This allows for fully automatic operation of the sun protection system with individually adjustable parameters.



### VarioTec

The VarioTec control unit is the all-rounder. It can be used for all sun protection systems as either a master or an individual unit.

# ProLine radio control units – flexibility and convenience



The elero hand-held transmitters from the ProLine range have an ergonomic design. The range, comprising basic versions up to advanced units, offers a variety of options to meet individual requirements. elero hand-held transmitters make even the most complicated requirements simple. Reliable operation is ensured by clear and user-friendly menus.

### Elegant and functional

Wall-mounted units have one decisive advantage: they are always in the right place. Furthermore, the laying of a cable between the control unit and the drive is not necessary. Thus, installation time and costs are reduced with a minimum of dust and dirt. The 868 MHz frequency ensures reliable data transmission as well as precise control and adjustment of venetian blinds.



### MonoTel

With the MonoTel radio hand-held transmitter, it is possible to control one or several receivers together and so to open or close venetian blinds.



### LumeroTel

This 1-channel hand-held transmitter has a sliding switch for fully automatic or manual control.



### VarioTel

The VarioTel is a 5-channel hand-held transmitter without the manual/automatic sliding switch. Venetian blinds can be controlled individually or in groups.



### VarioTec-868 JA

The VarioTec-868 has the same functions as the VarioTec. Thanks to the integrated radio receiver, venetian blinds can also be operated using hand-held and wall transmitters.



### UniTec-868

The UniTec-868 is a 1-channel wall transmitter with the manual/automatic sliding switch.



### MemoTec-868

The MemoTec-868 is a wall transmitter with daily and weekly switching times for venetian blinds. Fixed opening and closing times can be programmed.



### AstroTec-868

This wall transmitter with integrated timer is easy and convenient to operate.



### VarioTel Plus

This transmitter provides the same functionality as the VarioTel. It has a sliding switch for fully automatic or manual control.



### VarioTel Plus 10

This 10-channel hand-held transmitter has the same functions as the VarioTel Plus. Venetian blinds can be controlled individually or in groups.



### TempoTel

The TempoTel hand-held transmitter with timer function opens venetian blinds at pre-selected times and closes them automatically at sunset.



### Aero-868 Plus

The Aero-868 Plus is a solar-powered sun and wind sensor for radio-controlled venetian blinds. It has a larger solar cell for longer performance.



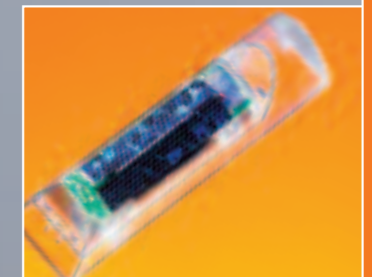
### Sensero-868 AC

The Sensero-868 AC is an innovative radio weather sensor that has the light, twilight and wind functions. What is new is that the wind is measured using an air flow sensor on the underside of the device. The Sensero-868 AC requires only a 230 V power supply.



### Combio-868 JA

With the Combio-868 JA radio receiver, it is possible to transform conventional drives into radio drives.



### Lumero-868

The Lumero-868 is a solar-powered sun sensor. It sends open and close commands to the radio receiver.