

**NEW!**



As simple as a smart phone:  
the new **LATENTO** solar controllers

# **LATENTO** solar controllers – easy to handle

Renewable, climate-friendly and free of charge: It is no doubt that the sun radiation is one of the main future energy sources. The solar energy plays a prominent role in the application of water heating, space heating, swimming pool heating and under certain circumstances cooling as well. Gradually the conventional energy sources, such as fossil fuel, are replaced by solar energy not only in summer but also in winter. The **LATENTO** all-year-round solar system is providing a new approach for the solar energy. Through its high absorption capacity and barely neglectable heat loss, the **LATENTO** solar system is distinguished in performance, especially during the transition seasons and in winter when the heating is necessary. The highest efficiency of **LATENTO** solar system makes it possible to maximize the use of solar energy throughout the whole year.

An efficient solar system certainly requires an efficient controller system. The new **LATENTO** solar controllers are easy to handle and providing various functions, for example, to regulate the whole heating system, to control individual temperature-difference or to control pump station with integrated solar regulator. This guarantees the high efficiency, the stability and long-life of a solar thermal system.

The new **LATENTO** controllers are as simple as a smart phone. It is no more an issue whether you would like to inquire the measuring value or to reset the system, thanks to its intuitive and multilingual user interface. Enjoy the ease of use of the new **LATENTO** controllers.



Further Information of **LATENTO** solar controllers to be found on our Homepage. Please scan the QR code with your smart phone.



**NEW!**

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**LATENTO**  
System controller



**LATENTO**  
Solar controller L



**LATENTO**  
Solar controller S

**LATENTO** Solar controllers for all the applications





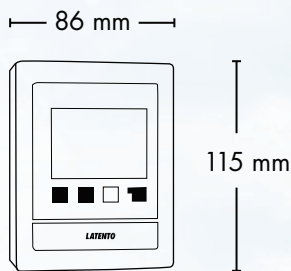
## Important features

- Presentation of graphic and text with illuminated display
- Up to 36 basic system applications and 11 pre-programmed IVT hydraulic diagrams. (system controller)
- Self-explanatory operating instruction via 4 entry keys
- Simple inquiry of the time-being values
- Analysis and monitoring of the functions
- Extensive set-up menus with explanation
- Activatable menu block against unintentional adjustment
- Reset function to manufacturer settings
- Commissioning assistance

## 3 Types - 1 Common ground: ease of use

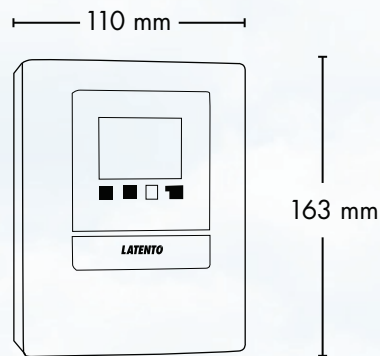
The new **LATENTO** solar controllers fulfill the high efficient utilization of solar and heating system. This controllers are satisfying with its reliable performance and intuitive user interface. The self-explanatory entry keys make the set-up and adjustment easily. In the control menu besides key words of metering and settings there are also helpful text and graphic available.

## Technical details



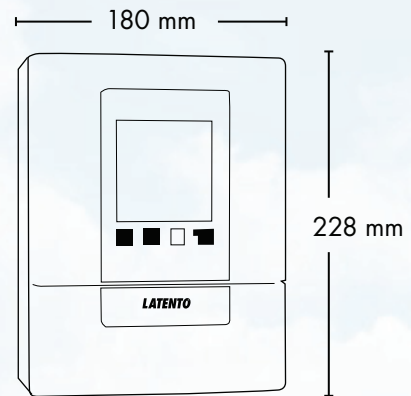
### ■ Solar controller S

„Small“ Temperature-Difference-Controller for simple solar systems.



### ■ Solar controller L

„Large“ Temperature-Difference-Controller for complex solar systems.



### ■ System controller

The system controller for flexible regulation of complex heating systems and different back-up heaters.

	Solar controller S	Solar controller L	System Controller
Temperature sensor inputs Pt 1000	3	6	8
Relay outputs 230 V	1	3	7
Speed-Controller of standard pump	1	2	2
Outputs 0..10 V or PWM signal	1	2	2
Number of applications	9	36 +	13
Number of IVT hydraulic diagram	0	0	11
simple heat metering	Yes	Yes	Yes
Flow based heat metering (VFS sensor)	No	0-2	0-2
Pressure monitoring (RPS sensor)	No	0-2	0-2
Time and temperature-controlled thermostat function	Yes	Yes	Yes
Battery-backed Timer	Yes	Yes	Yes
Commissioning assistance	Yes	Yes	Yes
Data storage with statistics and graphic analysis	Yes	Yes	Yes
Error memory and analysis with date and time	Yes	Yes	Yes
Ethernet connection	No	Yes (via Data logger)	Yes (via Data logger)

# **LATENTO** solar system – efficient in each component

A high efficient solar thermal system can only derive from various high efficient components. The **LATENTO** solar system is such one that contains plenty intelligent solutions for a high efficient use of solar energy all-year-round.



## Do you have any questions?

We are always at your disposal. Please kindly contact us at:

Tel.: +49 9876 97 86-0

E-Mail: [info@ivt-rohr.de](mailto:info@ivt-rohr.de)

Your **LATENTO** Systempartner

IVT GmbH & Co. KG  
Gewerbering Nord 5  
91189 Rohr, Germany  
Tel./Fax. +49 (0) 9876/97 86-0/-90  
[Info@ivt-rohr.de](mailto:Info@ivt-rohr.de) • [www.ivt-rohr.de](http://www.ivt-rohr.de)

