



green GLUING

SIRIUS

Pattern control with integrated pattern monitoring
Flexible | fast | convenient

GLUING SOLUTIONS **ROBATECH**

ONE CONTROLLER – MANY POSSIBILITIES

Sirius is a modular pattern control with integrated pattern monitoring for cold-glue and hot-melt adhesive application. It is used to control and/or monitor adhesive application. This allows up to 200 different application patterns to be applied. In addition, the adhesive application can be accelerated using the booster module.

Sirius Core

Sirius Core is the convenient and compact version in a box. It contains everything needed to actuate and monitor adhesive application: a control module, application modules, booster modules, and a power supply. This provides up to 12 application and control channels.

Sirius Flex

The individual Sirius modules – control module, application modules, booster modules, and one or more power supplies – can be flexibly combined and integrated into a cabinet. This provides up to 200 application and control channels.

TECHNICAL DATA

	Sirius Core / Core Pro	Sirius Flex	Sirius Booster
Dimensions (H x W x D)	400 x 155 x 300 mm 600 x 155 x 300 mm	-- --	45 x 75 x 130 mm
Number of application channels	8 / 12	0 to 200	--
Number of control channels	8 / 12	0 to 200	--
Supply voltage	10 PE, 200-240 V, 50/60 Hz 10 N/PE, 230 V, 50/60 Hz 24 VDC (control module) 24 VDC (application module) 48 VDC (booster module)	-- -- -- -- --	-- -- -- -- --
Valve outputs*	4 per module (max. 2 per channel, total max. 4)		
Pattern monitoring inputs (application module)	4 per module		--
Speed range	0.0 to 1250 m/min	0.0 to 1250 m/min	--
Accuracy	+/- 1 mm @600 m/min		--
Overexcitation time**	0 to 65 ms (adjustable)		
Overexcitation voltage**	48 VDC		
Holding voltage**	0 to 24 VDC		
Mounting	Wall mounting	DIN rail	DIN rail

* Consider total power of the power supply

** Only with booster module

Sirius Booster

The booster module can also be used independently of the control module to accelerate application heads through overexcitation and to reduce voltage for longer service life of the application head.

Your benefits

- Sirius modules can be combined as required
- Sirius is flexibly expandable
- Booster modules enable shorter switching times of the application heads
- Convenient, web-based operation using the interface of your choice
- Easy integration thanks to standardized interfaces and pre-programmed modules



Sirius Core



Sirius Flex



Sirius Booster



Convenient web-based operation