

ARM-BLUE-WI Reader module, BLE, Wiegand LECTUS blue



Introducing LECTUS blue - the seamless way to enable Bosch mobile credentials on 13.56 MHz proximity readers with Wiegand interface.

Installed behind the reader, this BLE (Bluetooth® Low Energy) module requires no reader replacement and unlocks the full potential of mobile credentials. With its compact design and equipped with a connector, the installation process is easy and user-friendly.

The key features are:

- Seamless integration: the module works effortlessly with existing setup, offering a smooth transition to Bosch Mobile Access with minimal disruption.
- Future-proof your system without replacement: continue using existing 13.56 MHz proximity readers with Wiegand interface, and enable readers to use the Bosch mobile credential.
- Mobile communication over BLE: use bluetooth connection between LECTUS blue module and the mobile phone, taking advantage of all the benefits of Bosch mobile credentials.

To provide a wide range of solutions, LECTUS blue module is fully compatible with Bosch Wiegand reader portfolio, including Access Management System (AMS), as well as the Access Modular Controller (AMC2).

LECTUS blue is easy to install, and provides clear feedback to the installer during the installation due to LEDs.

The module must be installed behind the reader in the wallmount box or in the wall to be protected. After proper installation and depending on the reader model, its IP rating is IP55 or IP54.

- ▶ Compatible with 13.56 MHz proximity readers
- ▶ Allows indoor and outdoor use
- ▶ Easy installation
- ▶ Three status LEDs

LECTUS blue is the easy, cost-effective solution for modernizing your system without the need to replace Wiegand readers.

Regulatory information

Region	Regulatory compliance/quality marks
Europe	CE
USA	FCC

Installation/configuration notes

Compatibility

The module is compatible with:

- 13.56 MHz readers with Wiegand interface: LECTUS duo, STid and LECTUS secure readers
- Wiegand Access Modular Controller 2 (AMC2)
- Access Management System (AMS) 5.5 and above
- BIS-ACE 5.0.1 and above
- Mobile Access

For information on the installation, refer to the Installation manual of LECTUS blue available in the online catalog.

Parts included

Quantity	Component
1	BLE module
1	ESD bag
2	Safety and security information

Quantity	Component
2	OSS information
1	Quick installation guide

Technical specifications

Connectivity

Reader interfaces	Wiegand
Controller interface	Wiegand

Electrical

Operating voltage (VDC)	10 VDC – 30 VDC
Power consumption (mW)	40 mW

Environmental

Operating temperature (°C)	-25 °C – 65 °C
Operating temperature (°F)	-13 °F – 149 °F
Usage	Indoor; Outdoor
IP rating	IP55 (LECTUS duo; LECTUS secure) IP54 (STid)

Mechanical

Dimensions (H x W x D) (mm)	21 mm x 30 mm x 7 mm
Dimensions (H x W x D) (in)	0.83 in x 1.18 in x 0.27 in
Wire size (AWG)	26 - 20

Network

Operation

Optical indication	LED
Wireless transmission frequency	13.56 MHz

*after correct installation on the reader. For information on installation, refer to the Installation manual.

Ordering information

ARM-BLUE-WI Reader module, BLE, Wiegand

Device that enables a proximity reader, connected to a Wiegand controller, to read Mobile Access credentials.

Order number **ARM-BLUE-WI | F.01U.430.768**



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