WLX Pro Half cylinder

wAppLoxx Pro digital locking cylinder

The digital locking cylinder from ABUS enables convenient access to your building. It is also compatible for online use and can be operated via app. The half cylinder version is particularly well suited for use on key switches for example. As well as the standard version, it is also available in the following variants: cylinder with reader on both sides, padlock, panic version and a special version for fittings with core extraction protection.

The colour of the wAppLoxx Pro cylinder can be adjusted for any door and surface with its white, grey or black covers. Extension modules also enable individual length adjustment to up to 60 mm on each side. High protection against manipulation with extra-reinforced drilling and pulling protection as well as a read-protected wireless connection highlight the security of the wAppLoxx Pro Cylinder. The weather-resistant finish with protection class IP67 makes it particularly robust.

Technologies

- Electronic knob cylinder with Mifare reader: Read protected wireless connection between transponder and cylinder (Mifare Desfire EV1 in secure mode)
- Individual length adjustment with extension modules up to 60 mm
- Encrypted AES 128 bit data transfer between all components
- Logging of cylinder operation
- High manipulation resistance with extra-reinforced drilling and pulling protection
- Weather-resistant as per IP 67
- A range of design options thanks to wide selection of colours and knobs
- The status of the cylinder battery can be checked at any time via web or app
- Activation/deactivation of connected alarm systems

Technical data - WLX Pro Half cylinder

Additional functions	Opening time can be set between 6 and 12 sec, remote access
Area of application	Doors, garage doors, key switches
Backset	≥ 30 mm (round knob)/≥ 35 mm (square knob) mm
Battery - type	VARTA Lithium battery 3V CR2/CR15H270/6206
Certifications	EN 15684:2020 1-6-B-4-x-D-4-A/D, optional SKG*** (with Security drilling protection)
Colour	knob: brushed stainless steel black or grey / Cylinder body: brushed stainless steel

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Dimensions	knob: L = 48 mm, Ø = 38 mm
Drill protection	Standard / Security (SKG***/EN 15684 clause 8 class D)
Electronics	Access, Intrusion
Environmental conditions	Min./max. temperature: -25/+65, max. air humidity: 80%
Item abbreviation	WLX-PRO-HZ
Language of instructions	DE, ES, FR, NL, EN
Language packing	DE, ES, FR, NL, EN
Length adjustment	Modular in 5 mm increments
Locking media	MIFARE® DESFire® EV1, EV2, EV3
Logging and time function	Yes
Material	cap: stainless steel, plastic / Cylinder body: brass
Max. number of locking media	10 fallback transponders
Max. operating temperature	65 °C
Min. operating temperature	-25 °C
Number of cycles/battery	At 20 °C (room temperature): up to 45,000 cycles or 3.5 years if not actuated
OSD language	DE, ES, FR, NL, EN
Opening time can be set	Yes (6/12 Sec)
PSTI conformity required	No
Programming	Programming/system management via WLX Pro Control Plus
Protection class IP Outdoor	67
Radio frequency	868,3 MHz
Reader type	Outdoor Mifare reader
Reading distance	< 1 cm
Signalling	Visual