

WLX Pro double knob cylinder, reader both sides

Art.-Nr. WLX-PRO-LB

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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 version with a reader on both sides is particularly well suited for use on access doors or doors for which access rights are also required on the inside. As well as the standard version, it is also available in the following variants: half cylinder, 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 90mm 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 offered by the wAppLoxx Pro Cylinder. The weather-resistant finish with protection class IP67 makes it particularly robust.

Technologies

- Electronic double knob cylinder with Mifare reader: Read protected wireless connection between transponder and cylinder (Mifare Desfire EV1 in secure mode)
- Additional double-sided reader for individually adjustable access authorisations
- Individual length adjustment of up to 90 mm each side with extension modules
- 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

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Technical data - WLX Pro double knob cylinder, reader both sides

Additional functions	Opening time can be set between 6 and 12 sec, remote access
Alarm connection	Yes
Areas of application	Passage doors with authorization checks on both sides
Article abbreviation	WLX-PRO-LB
Axis lengths	60 - 180 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)
Closing media	MIFARE® DESFire® EV1, EV2, EV3
Colour	knob: brushed stainless steel black or grey / Cylinder body: brushed stainless steel
Construction type of device	Double knob cylinder
Degree of protection IP Interior	67
Degree of protection IP Outdoor	67
Dimensions	knob: L = 48 mm, Ø = 38 mm
Drill protection	Standard / Security (SKG***/EN 15684 clause 8 class D)
Electronics	Access, Intrusion
Emergency power supply	Yes, Micro USB
Encryption	AES 128-Bit
Environmental conditions	Min./max. temperature: -25/+65, max. air humidity: 80%
Language Manual	DE, ES, FR, NL, EN
Language OSD	DE, ES, FR, NL, EN
Language Packaging	DE, ES, FR, NL, EN
Length adjustment	Modular in 5 mm increments
Material	Cap: stainless steel, plastic / Cylinder body: brass
Max. Max. number of locking media	10 fallback transponders
Max. Operating temperature	65 °C
Min. operating temperature	-25 °C
Net weight	0.555 kg
Number of cycles/battery	45,000
Opening time adjustable	Yes (6/12 Sec)
PSTI conformity needed	No
Power supply	Rechargeable battery
Product group	Cylinders
Programming 1	Programming/system management via WLX Pro Control Plus
Protocol and time function	Yes
Radio frequency	868.3 MHz
Radio networked	Yes

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Radio range	Indoors: 30 m, outdoors: 100 m
Reader type	Outdoor Mifare reader
Reading distance	< 1 cm
Standard length	30 mm outside / 30 mm inside
WEEE group	09
backset	≥ 30 (round knob)/ ≥ 35 (square knob) mm
signaling	Visual