ABUS
Security Tech Germany

WLX Pro double knob cylinder, reader both sides

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

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

Additional functions	Opening time can be set between 6 and 12 sec, remote access
Area of application	Doors with a PZ mortise lock, multiple locking
Backset	35 mm
Battery - type	VARTA CR2 / CR17355 3V lithium battery
Colour	Colour options for reader: black, grey
Dimensions	External knob: L = 48 mm, Ø = 38 mm, internal knob: L = 27 mm, Ø = 33 mm
Drill protection	Standard, Security
Electronics	Access, Intrusion

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Environmental conditions	Min./max. temperature: -25/+65, max. air humidity: 80%
Item abbreviation	WLX-PRO-LB
Language of instructions	DE, ES, FR, NL, EN
Language packing	DE, ES, FR, NL, EN
Length adjustment	Modular in 5 mm increments
Locking media	ABUS Mifare Desfire EV1
Logging and time function	Yes
Material	Knob: stainless steel, Reader: plastic
Max. number of locking media	500 authorisations, 10 fallback transponders
Number of cycles/battery	45.000
OSD language	DE, ES, FR, NL, EN
Opening time can be set	Yes
PSTI conformity required	No
Programming	Configuration and system administration via wAppLoxx Pro Control
Protection class IP Outdoor	67
Radio frequency	868,3 MHz
Reader type	Outdoor Mifare reader
Reading distance	< 1 cm
Signalling	Optical