

AirKey cylinder | Double cylinder, European profile, SY-MO DZ-S



Product description

AirKey cylinders for double-sided access are the right security product if you require access control on both sides for doors with maximum security requirements on the inside and outside. AirKey cylinders for access on both sides are also perfectly suitable for existing doors in listed monuments and metal frame doors.

Technical information

Cylinder length on the outside A in mm	31 36 41 46 + 5 mm ... Standard: A + I ≤ 92 mm, special lengths: A + I ≥ 97 mm For anti-panic function (FAP): A or I ≥ 61 mm
Cylinder length on the inside I in mm	31 36 41 46 + 5 mm ... (Standard: A + I ≤ 92 mm, special lengths: A + I ≥ 97 mm, for anti-panic function (FAP): A or I ≥ 61 mm)
Finish	NI – nickel NP – polished nickel MP – polished brass PB – brown patina PS – black patina
Technical installation situation	FZG – free-wheel function (from 31/31 to 81/81) FAP – anti-panic function (from 31/61 to 81/81, from 81/86 to 81/111 on request) FLU – installation situation regardless of the position
Elongated outside thumbturn axis	AV05 – 5 mm AV10 – 10 mm AV15 – 15 mm
Cam	SEP – European profile BIF – Biffar Z10 – 10 cogwheel cams Z18 – 18 cogwheel cams
Additional certificate	SKG – SKG***
Security features	Freely turning outside thumbturn to prevent manipulations Rotary damper Rated brake point on the outside thumbturn Engages only if authorised Event log Drilling protection Plug pulling protection Integrated EAL5+ certified secure element ECDSA and AES encryption
Standards and guidelines	CE tested EN 1634: 30 minutes EN 1634: 90 minutes IP65 protection EN 15684: 1.6.B.3.A.F.3.2 Suitable for locks as per EN 179/1125 (when using the anti-panic function (FAP)) SKG***
Technical installation situation	Inside and outside doors with maximum security requirements and subject to tough weather conditions. Suitable for installation in fire doors.
Compatible identification technologies	NFC smartcards as card identification media, key tags and combi keys Bluetooth 4.0 (BLE) NFC
Battery	4 CR2 lithium batteries Up to 30,000 cycles
Signals	Visual + audible
Conditions of use	Ambient temperature range: –20°C to +55°C (depending on the battery) Humidity < 90 %, non-condensing For 100,000 cycles as per EN 15684 Minimum backset 35 mm, IP65 protection
Event protocol	Last 1,000 events
Interfaces	BLE NFC Connection to emergency power device
Included components	AirKey cylinder Cylinder fastening screw 4 CR2 lithium batteries Assembly manual Important information
Product code	E.A.PZ.DZ-S.[Outside cylinder length A/inside cylinder length I].[Finish].[Option]
Example	E.A.PZ.DZ-S.31/31.NI



¹In preparation.

Dimensional drawing

