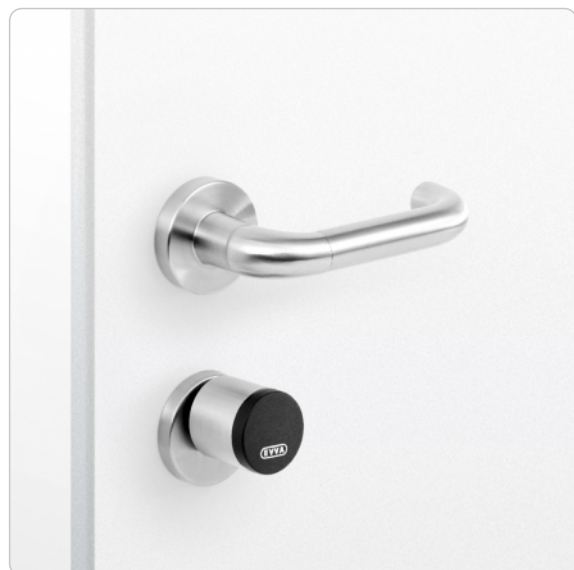


# AirKey cylinder | Half cylinder, European profile, SY-MO HZ-S



## Product description

AirKey half cylinders are the ideal solution for doors or key switches requiring authorisation checks merely on one side, no cylinder on the inside and maximum security requirements on the inside and outside. Additionally, AirKey half cylinders are perfectly suitable for existing doors, listed monuments as well as metal frame doors.

## Technical information

Cylinder length on the outside A in mm	31   36   41   46   + 5 mm ... Standard: A ≤ 92 mm, special lengths: A ≥ 97mm
Finish	NI – nickel   NP – polished nickel   MP – polished brass   PB – brown patina   PS – black patina
Technical installation situation	FZG – free-wheel function (from 31 to 81)   FAP – anti-panic function (from 61 to 81; 31 to 57 with elongation module (l = 31 mm) on request)   FLU – installation situation regardless of the position   FSR – cam lock function (31, 36, 41; from 46 to 111 on request)
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   RIT – RITTAL cam function (31, 36)
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	2 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   2 CR2 lithium batteries   Assembly manual   Important information
Product code	E.A.PZ.HZ-S.[Outside cylinder length A].[Finish].[Option]
Example	E.A.PZ.HZ-S.31.NI

<sup>1</sup>In preparation.

### Dimensional drawing

