

# PRODUCT DATA SHEET

**sullus**<sup>®</sup>  
security systems

**EVVA**  
access to security

## EPS-5 rim cylinder AZ (factory profile)

SKU EV.EPSS.AZ

Producer No. EPSS AZ

EVVA EPS-5 factory profile (Extended Profile System) is a proven, conventional locking system developed on the locking elements or locking pin principle. The system is characterised by high wear resistance. The exact key centring due to the special profile rib construction ensures that the key can be inserted without any problems. It is a patented, multiple overlapping key profile and the authorization check is carried out on several security levels.

EPS reliably protects private homes, but is also a frequently and gladly used access system in clearly structured locking systems, such as in office buildings, restaurants or residential buildings.

### Measurements

- case length: 20,7 mm
- rosette: Ø 50 mm
- mounting diameter: 28 mm
- cylinder: Ø 34 mm

### Technical characteristics

- compact design
- spring-loaded pin system with 5 active, spring-loaded sensing elements and up to 20 additional side codings
- integrated manipulation control of the key in the cylinder
- locking authorisation query by means of core rib profiling and profile locking bar, which is controlled spring-free via a curve in the body
- carbide drilling protection in core and body
- steel balls as drilling protection for the cylinder fixing screws
- high wear resistance
- locking path: 360°
- locking bar for door thickness up to 50 mm
- locking bar can be shortened every 5 mm by buckling
- patent protection until 2041

### Execution

- conventional locking system
- length profile system with large key cross-sections
- patented, multiple overlapping key profile
- vertical, easy key insertion
- cylinder body, cylinder core: base material brass
- combination with electronic locking system possible

### Options / Special equipment

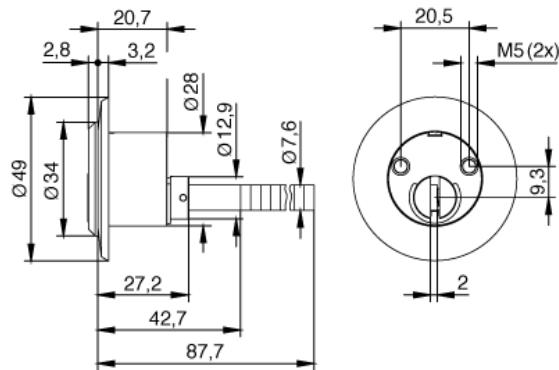
- different cylinder finishes \*

### Operational area

- prepared for EVVA additional box locks of the K900 and K9000 series
- office building
- gastronomy
- residences
- for clearly structured locking systems
- As standard, suitable for fire and smoke doors with a fire resistance duration of 90 minutes. This makes the system ideally suited for burglar-resistant doors of resistance classes 1 to 4 without further testing.

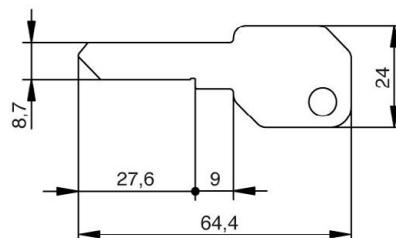
### Scope of delivery

- rim cylinder (round cylinder) AZ incl. 3 or more keys
- rosette Ø 50 mm
- 2 fixing screws M5 x 40
- security card



### Key

- key thickness: 2,3 mm
- serrated key made of special resistant nickel silver alloy
- exact key centring: easy insertion of the key thanks to the special profile rib construction
- with large key cross-sections
- very resistant, low wear
- optional: key with design cap \*, key with extended key neck \*



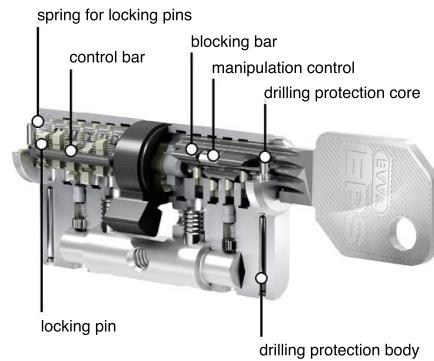
## Technical details

EPS is a spring-loaded pin system with 5 active, spring-loaded, sensing elements which offers up to 20 additional side codes. The integrated manipulation control of the key in the cylinder as well as the double-acting locking pins ensure good security.

EPS-5 consists of a length and a transverse profile as well as a pin system - this results in 3 security levels.

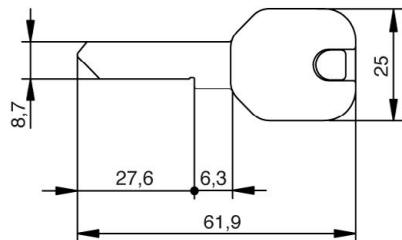
The control is carried out in the cylinder core when the key is inserted into the keyway - using the core rib profiling and a profile locking bar, which is controlled springlessly via a curve in the body.

The system is characterized by high wear resistance. The exact key centring due to the special profile rib construction ensures easy insertion of the key.



### Key with design cap

- colours: black, blue and red, yellow, green and white
- material thickness design cap: 7,2 mm
- plastic caps for special design requirements for the keys
- ergonomic design and high quality for better haptics
- easy optical differentiation
- simple management of locking systems through colour assignment
- consecutive numbering of the key (key with the same locking authorisation receives a consecutive number)
- use exclusively for EVVA keys
- factory assembly, subsequent opening and retrofitting is not possible



### Key with extended key neck

- specially shaped key
- for use with armoured fittings

