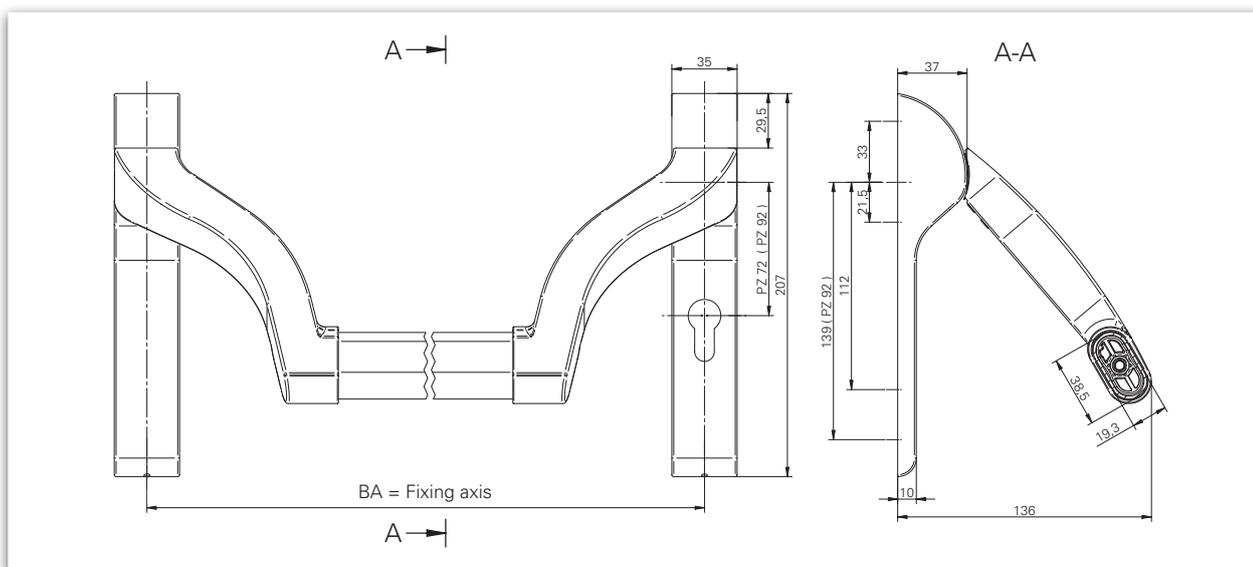


Performance criteria		
Actuation type	Touch bar Push bar	- ■
Surfaces	Stainless steel Alu. F1 coated Colour coated	■ ■ ■
Grip tube	900*	■
	1.150*	■
	1.500*	□
Closer types	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
Can be used for DIN L / DIN R		■
Suitable for fire and smoke control doors	F	■
Tested according to DIN/EN standards	EN 1125	■

■ Yes - No □ Optional



Dimensions: Guardian EPN 900 IV (subject to changes)

Description

Guardian EPN 900 IV / push bar

The lever arms are cranked particularly wide and facilitate the use of electronic locking cylinders

- Tested according to **EN 1125, EN 1634 & EN 1191**
- Only suitable for use as a closure system according to **EN 1125** with a tested and approved lock
- Suitable for **use on smoke control and fire doors** based on relevant tests
- Can be used for DIN left / DIN right
- Lever arms cranked wide, particularly suitable for electronic locking cylinders and short PZ distances
- Large, sturdy grip tube (vandalism)
- Rotation angles can be adjusted later on request
- Lever arms and bar screwed together tightly for maximum strength
- Surfaces:
 - Stainless steel, matt satin finish
 - Silver F1 coated aluminium**
 - Coated black/red** (based on Guardian EPN 900 IV Alu)
- Gear unit: Steel zinc-plated

*Grip tube sold separately

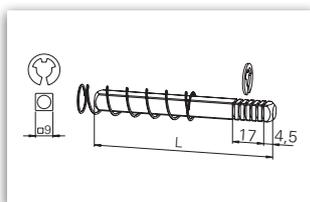
**Please refer to the information provided on page 763



Guardian EPN 900 IV Stainless steel*	Rotation angle	Article number
PZ-72	30 °	1069a1304600080
	40 °	1069a1404600080
	45 °	1069a1454600080
PZ-92	30 °	1069a2304600080
	40 °	1069a2404600080
	45 °	1069a2454600080
RZ-74	30 °	1069a5304600080
	40 °	1069a5404600080
	45 °	1069a5454600080
RZ-94	30 °	1069a6304600080
	40 °	1069a6404600080
	45 °	1069a6454600080
UG, without holes	30 °	1069a4304600080
	40 °	1069a4404600080
	45 °	1069a4454600080

ER grip tube	Max. fixing axis (BA)	Article number
900 mm	1,067 mm	109506604600070
1,150 mm	1,317 mm	109506614600070
1,500 mm	1,669 mm	109506644600070

Guardian EPN 900 IV
Stainless steel



Length	Article number
55 mm	119007914301030
75 mm	119007924301030
95 mm	119007934301030

*Grip tube sold separately

**Please refer to the information
provided on page 763



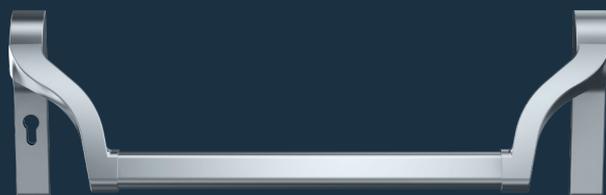
Guardian EPN 900 IV AI*	Rotation angle	Article number
PZ-72	30 °	1069a1303000080
	40 °	1069a1403000080
	45 °	1069a1453000080
PZ-92	30 °	1069a2303000080
	40 °	1069a2403000080
	45 °	1069a2453000080
RZ-74	30 °	1069a5303000080
	40 °	1069a5403000080
	45 °	1069a5453000080
RZ-94	30 °	1069a6303000080
	40 °	1069a6403000080
	45 °	1069a6453000080
UG, without holes	30 °	1069a4303000080
	40 °	1069a4403000080
	45 °	1069a4453000080

Guardian EPN 900 IV * coloured	Rotation angle	Article number
PZ-72	30 °	1069a1300200080
	40 °	1069a1400200080
	45 °	1069a1450200080
PZ-92	30 °	1069a2300200080
	40 °	1069a2400200080
	45 °	1069a2450200080
RZ-74	30 °	1069a5300200080
	40 °	1069a5400200080
	45 °	1069a5450200080
RZ-94	30 °	1069a6300200080
	40 °	1069a6400200080
	45 °	1069a6450200080
UG, without holes	30 °	1069a4300200080
	40 °	1069a4400200080
	45 °	1069a4450200080

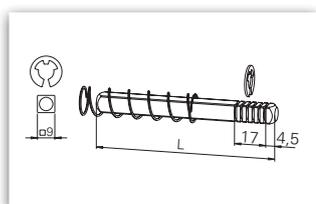
AI grip tube	Max. fixing axis (BA)	Article number
900 mm	1,067 mm	109507003000070
1,150 mm	1,317 mm	109507013000070
1,500 mm	1,669 mm	109507023000070

AI grip tube coated red	Max. fixing axis (BA)	Article number
900 mm	1,067 mm	109507000100070
1,150 mm	1,317 mm	109507010100070
1,500 mm	1,669 mm	109507020100070

Guardian EPN 900 IV
F1 coated aluminium**



Guardian EPN 900 IV
Coated black/red**



Length	Article number
55 mm	119007914301030
75 mm	119007924301030
95 mm	119007934301030

!
*Grip tube sold separately
**Please refer to the information provided on page 763

Product information and usage of ECO lock technology

§ 1 Product information and intended usage

1. The locks produced by ECO are intended for closing and locking doors.
2. To ensure that the locks will function properly for their intended usage, the correct combination of approved fittings, closure mechanisms and accessories is absolutely necessary. The locks must be installed in accordance with the installation instructions and taking into account the applicable DIN standards, including maintenance; locks for doors with special functions must be selected according to requirements and also labelled as necessary.

§ 2 Improper use of the products

Improper use of locks (i.e. not using the product as intended) includes the following situations in particular:

- Using the extended bolt to keep the door open in contravention of the intended use;
- Adjusting the hinges or lowering the door, if this results in the required clearance between the door and the frame becoming larger or smaller;
- Installation impedes functionality or the closing elements are retroactively treated;
- Installation or mounting of foreign objects and/or objects not intended for this purpose into the lock or the strike plate;
- The handle connection is subjected to loads heavier than standard hand force;
- Opening a double-leaf door via the passive leaf, if this is not an approved use;
- Using closure mechanisms that are not included with the product (that deviate significantly or are improperly calibrated);
- Intervening in or affecting the lock or strike plate in any way that results in a change in its structure, operation or function;
- Simultaneously operating the lever handle and the locking mechanism;
- Closing the door when gripping between the door leaf and the frame.

Sooner or later, these errors will cause damage, and the products will no longer have the characteristics defined by the manufacturer.

§ 3 Product performance

1. Product performance is only partially governed by standards. Many aspects of product performance have been developed based on years of experience and should be considered common knowledge in the construction hardware industry. Correspondingly, the contents of the standards and these empirical values should also be applied to locks that are not expressly regulated.
2. In particular, the standards **DIN 18250, DIN 18251, DIN 18252, DIN 18254, DIN 18255, DIN 18257 and DIN 18273** apply, as does the current standard on fittings, which defines the basic requirements and additional requirements for locks.

3. The locks must be replaced if, despite maintenance and servicing, it can no longer be ensured that they will function properly, and/or they may pose a risk of injury.

4. Furthermore, the products are continuously being improved, and manufacturing is subject to quality assurance. The right to make technical changes is reserved. **§ 4 Product maintenance**

1. The user must ensure that the locks function properly.
2. Depending on the material and where they are used, the products will face a certain degree of natural wear and tear. Consequently, depending on the level of use, the locks must undergo maintenance at least once per year; i.e. an appropriate lubricant must be applied at regular intervals. Only cleaning agents that do not contain corrosive ingredients should be used for cleaning the locks.

3. A range of different materials are used in manufacturing. Please note that each of these different materials has different maintenance and servicing requirements.

§ 5 Duty to inform and instruct

1. The following documents are available to provide information and instruction:
 - Catalogues and brochures;
 - Bid documents;
 - Tender documents;
 - Installation and operating instructions;
 - Procurement information;
 - DIN standards.
2. In order to ensure that the locks function properly:
 - Architects, planners and any other people involved in the process are required to request all the necessary product information from us and to comply with said information,
 - Specialised retailers are required to observe the product information and notes in the price lists and catalogues and, in particular, to request all required instructions from us and to pass them on to the processors,
 - The processors are required to obtain all product information and to comply with it, and, in particular, to request the operating and maintenance instructions from us and pass them on to the customers and users.

Overall, all parties involved must ensure that the locks are properly assembled and installed and that each end user receives proper instructions and explanations.



ECO

ECO General information

ECO recommends:

- For lever handle sets without a return spring, we recommend using locks that comply with **DIN 18251**- class 3 or higher.
- In order to minimise the clearance between the lever handle set and the lock, we recommend locks that comply with **DIN 18251** with a clamping nut.
- When ECO fittings are properly installed and used, the paint should withstand daily use. Excessive contact with hard or sharp objects (such as key rings, rings, etc.) can scratch the surface. This does not impact the functionality, however.

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Our compendium represents a compilation of all products from our range of services. These are subject to different delivery classes. Special variants included are often manufactured to customer specifications and sometimes require longer delivery times and minimum purchase quantities. Further advise can be given by your contact person.

■ SYSTEM TECHNOLOGY FOR THE DOOR

