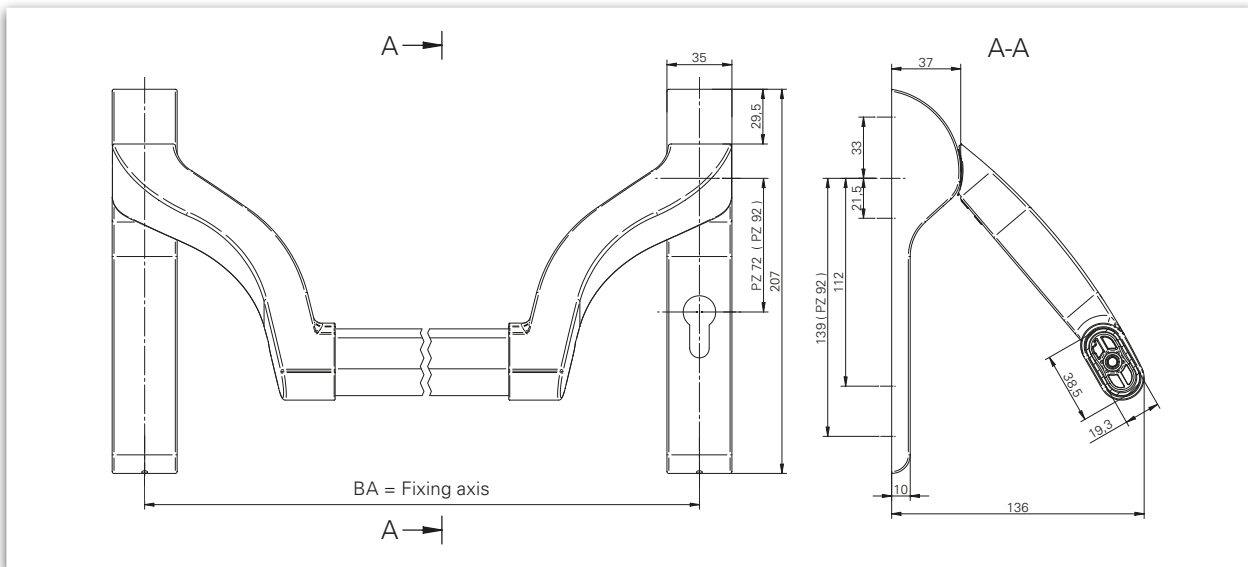


Performance criteria		
Actuation type	Touch bar Push bar	- ■
Surfaces	Stainless steel	■
	Alu. F1 coated	■
	Colour coated	■
Grip tube	900*	■
	1,150*	■
	1,500*	□
Closer types	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
Same version for DIN-L / DIN-R		■
Suitable for fire and smoke control doors	F	■
Tested 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

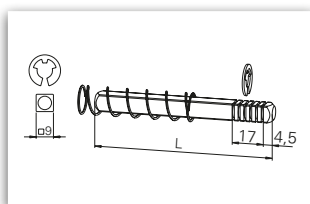
*Grip tube sold separately



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





AI



Ku

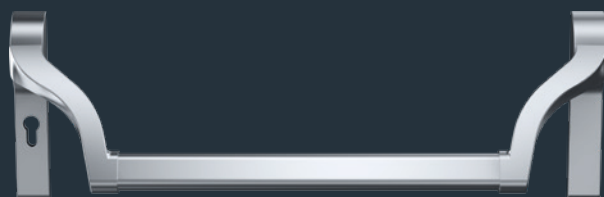
Guardian EPN 900 IV AI*	Rotation angle	Article number
PZ-72	30°	1069a1303000080
	40°	1069a1403000080
	45°	1069a1453000080
PZ-92	30°	1069a2303000080
	40°	1069a2403000080
	45°	1069a2453000080
RZ-74	30°	1069a5303000080
	40°	1069a5403000080
	45°	1069a5453000080
RZ-94	30°	1069a6303000080
	40°	1069a6403000080
	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

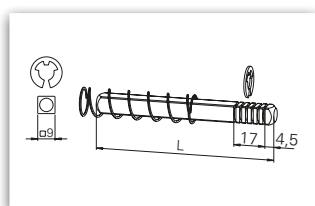
AI grip tube	Max. fixing axis (BA)	Article number
900 mm	1,067 mm	109507003000070
1,150 mm	1,317 mm	109507013000070
1,500 mm	1,669 mm	109507023000070

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

Product information and use of ECO fitting technology

§ 1 Product information and intended usage

1. The fitting systems made by ECO are assistive systems that can be used to help with opening and closing motions and/or locking processes for doors, glass doors and window elements.
2. The fixing elements supplied with these products must be used and installed according to the mounting instructions/specifications.

§ 2 Improper use of the products

Improper use of fitting systems for doors and windows (i.e. not using the product as intended) includes the following situations in particular:

- Installation or mounting of foreign objects and/or objects not intended for this purpose into the fitting system;
- Using auxiliary tools to operate the system;
- The fittings are used as a replacement for a missing wall buffer;
- Fittings are misused as a suspension device for heavy loads;
- Fittings are used long-term in combination with panic locks instead of only in emergencies, against the recommendation of the lock and fitting industry;
- Surface of the fitting systems damaged by the use of sharp or hard objects;
- The use of fasteners made by third-party manufacturers.

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 these standards and these empirical values should also be applied to fittings that are not expressly regulated.
2. Specifically, the following standards apply:
 - EN 1906: General benchmarks for door fittings and accessories;
 - DIN 18273: Special rules for fire and smoke control doors;
 - DIN 18257: Minimum security requirements for security fittings.
3. The fitting system must be replaced if, despite maintenance and servicing, it can no longer be ensured that it will function properly, and/or it 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 fitting systems and fixing elements are installed in a proper functional manner.
2. Depending on the material and where they are used, the products will face a certain degree of natural wear and tear. Consequently, all moving parts must undergo maintenance at least once per year; i.e. the proper fit, stability of the screw connections etc. must be checked on a regular basis. Only water, gentle cleaning agents and other cleaning agents that do not contain corrosive ingredients should be used for cleaning the fitting systems.
3. Manufacturing primarily uses the materials nylon, aluminium, stainless steel and brass. 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;
 - Tender documents;
 - Procurement information;
 - Bid documents;
 - Installation and operating instructions;
 - DIN standards.
2. In order to ensure that the fitting systems 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 fitting systems are properly assembled and installed and that each end user receives proper instructions and explanations.

General information

ECO Schulte 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 handles 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 impair functionality, however.

Our Compendium presents a compilation of all the products in our range. These are each subject to different supply classes. Special models are often configured to specific customer wishes and sometimes require longer lead-times and minimum order quantities. Your contact will be happy to advise you.

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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

