



PROFACTOR®
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL



PRODUCT
CODE

PF MB 829.15
PF MB 829.20
PF MB 829.25

**NIPPLE
WITH SEALING RINGS**

1. PURPOSE AND SCOPE

The PF MB 829 nipple with sealing rings is designed for a leak-tight connection of pipeline system components without the use of additional sealing materials. The product is used in water heating systems, underfloor heating systems, cold and hot water supply systems, as well as as part of manifold and distribution units.

The presence of sealing rings ensures reliable joint sealing, speeds up installation, and reduces the risk of installation errors.

2. TECHNICAL SPECIFICATIONS

Working medium: water, water-glycol solutions

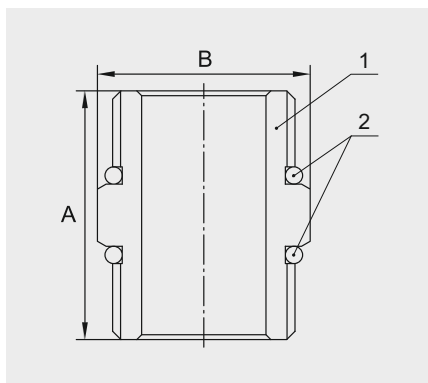
Maximum glycol content: up to 40%

Operating temperature: up to +120°C

Operating pressure: up to 10 bar

Average service life: 30 years

3. DESIGN



1 – Nipple body

2 – Sealing O-rings

The nipple is a threaded connecting element with integrated sealing rings installed in special grooves. When the connection is tightened, the sealing rings deform, providing a tight and leak-proof joint between the mating components without the need for flax, PTFE-tape, or sealants.

4. MATERIALS

Body (1) — Brass CW617N, nickel-plated.

Sealing rings (2) — EPDM.

5. NOMENCLATURE AND DIMENSIONS

Product Code	Size	A, mm	B, mm	Weight, g
PF MB 829.15	1/2"	28	27	37
PF MB 829.20	3/4"	36	30,8	78
PF MB 829.25	1"	40	38,5	135

6. INSTALLATION INSTRUCTIONS

After installation, sanitary system assemblies must be tested for leaks. They must be subjected to hydrostatic (hydraulic) or bubble (pneumatic) testing.

7. WARRANTY OBLIGATIONS

The warranty period is 12 months from the date of sale to the end consumer. Throughout the entire warranty period, the manufacturer guarantees the proper functioning of the product and its compliance with safety requirements, provided that the consumer follows the rules for storage, transportation, installation, operation, and maintenance of the product. The warranty covers all defects arising through the manufacturer's fault.

The warranty does not cover defects resulting from:

- Violation of storage, transportation, installation, operation, or maintenance conditions;
- Exposure to substances aggressive to the materials of the product;
- Signs of mechanical damage;
- Damage caused by fire, natural disasters, or other force majeure circumstances;
- Damage caused by improper actions of the user;
- Evidence of unauthorized interference with the product design.

The product described in this technical manual is a technically complex device that must be installed by a qualified specialist with appropriate experience working with this type of equipment.

Installation and commissioning must be carried out by an authorized and certified company.

Profactor Armaturen GmbH reserves the right to make changes to the product design that do not affect its technical characteristics or functional features.



INTERNATIONAL WARRANTY CARD

NAME OF THE PRODUCT

PRODUCT CODE, SIZE

QUANTITY

SELLER NAME AND ADDRESS

DATE OF PURCHASE

SELLER STAMP

SELLER SIGNATURE

For the warranty term refer to the Warranty obligation clause in the technical manual

FOLD LINE

FOLD LINE

In case of any claims to the product quality the following documents should be submitted:

1. Application with customer and product details:

- Name of the customer, actual address and phone number
- Article of the product
- Reason for the claim and photo
- Plumbing system where installed (name, address, phone number)

2. Invoice copy and receipt

3. Warranty card

RETURN/EXCHANGE COMMENTS

DATE

SIGNATURE



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