
Ventili v stavbah - Proti zmrzali odporne pipe za zunanjo uporabo (FRT) - Splošna tehnična specifikacija

Building valves - Frost resistant taps for outdoor use (FRT) - General technical specification

Gebäudearmaturen - Frostbeständige Armaturen für den Außenbereich (FRT) - Allgemeine technische Spezifikation

Robinetterie de bâtiment - Robinets résistant au gel pour une utilisation en extérieur (FRT) - Spécifications techniques générales

Ta slovenski standard je istoveten z: **prEN 17821**

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91.140.60	Sistemi za oskrbo z vodo	Water supply systems

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English Version

Building valves - Frost resistant taps for outdoor use (FRT)
- General technical specification

Robinetterie de bâtiment - Robinets résistant au gel
pour une utilisation en extérieur (FRT) - Spécifications
techniques générales

Gebäudearmaturen - Frostbeständige Armaturen für
den Außenbereich (FRT) - Allgemeine technische
Spezifikation

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prEN 17821:2026 (E)**European foreword**

This document (prEN 17821:2026) has been prepared by Technical Committee CEN/TC 164 “Water supply”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 17821:2023.

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1 Scope

This document specifies application, general construction, performance and material requirements for frost resistant taps for outdoor use (FRT), PN 10.

This document is applicable to potable water installations with a static pressure of maximum 1,0 MPa (10 bar) and a distribution temperature of maximum 25 °C (PWC).

NOTE See Annex A for a general overview of this document's organization and test sequence.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 248:2002, *Sanitary tapware — General specification for electrodeposited coatings of Ni-Cr*

EN 1254-2, *Copper and copper alloys — Plumbing fittings — Part 2: Compression fittings for use with copper tubes*

EN 1254-3, *Copper and copper alloys — Plumbing fittings — Part 3: Compression fittings for use with plastics and multilayer pipes*

EN 1254-4, *Copper and copper alloys — Plumbing fittings — Part 4: Threaded fittings*

EN 1254-6, *Copper and copper alloys — Plumbing fittings — Part 6: Push-fit fittings for use with metallic tubes, plastics and multilayer pipes*

EN 1254-7, *Copper and copper alloys — Plumbing fittings — Part 7: Press fittings for use with metallic tubes*

EN 1254-8, *Copper and copper alloys — Plumbing fittings — Part 8: Press fittings for use with plastics and multilayer pipes*

EN 1717, *Protection against pollution of water intended for human consumption in potable water installations and general requirements for devices to prevent pollution by backflow*

EN ISO 3822-1, *Acoustics — Laboratory tests on noise emission from appliances and equipment used in water supply installations — Part 1: Method of measurement (ISO 3822-1)*

EN ISO 3822-3, *Acoustics — Laboratory tests on noise emission from appliances and equipment used in water supply installations — Part 3: Mounting and operating conditions for in-line valves and appliances (ISO 3822-3)*

EN ISO 6509-1, *Corrosion of metals and alloys — Determination of dezincification resistance of copper alloys with zinc — Part 1: Test method (ISO 6509-1)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)*

ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation*

ISO 7-1, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation*