
Referenčni pogoji in postopki za preskušanje industrijskih in procesnih merilnih oddajnikov - 2. del: Posebni postopki za dajalnike tlaka (IEC 62828-2:2026)

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters (IEC 62828-2:2026)

Referenzbedingungen und Testmethoden für Industrie- und Prozessmessgrößenumformer - Teil 2: Spezielle Testmethoden für Druckmessumformer (IEC 62828-2:2026)

Conditions de référence et procédures pour l'essai des transmetteurs de mesure industrielle et de processus - Partie 2: Procédures spécifiques pour les transmetteurs de pression (IEC 62828-2:2026)

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25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control

SIST EN IEC 62828-2:2026**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62828-2

August 2026

ICS 17.100; 25.040.40

Supersedes EN IEC 62828-2:2018

English Version

**Reference conditions and procedures for testing industrial and
process measurement transmitters - Part 2: Specific procedures
for pressure transmitters
(IEC 62828-2:2026)**

Conditions de référence et procédures pour l'essai des
transmetteurs de mesure industrielle et de processus -
Partie 2: Procédures spécifiques pour les transmetteurs de
pression
(IEC 62828-2:2026)

Referenzbedingungen und Testmethoden für Industrie- und
Prozessmessgrößenumformer - Teil 2: Spezielle
Testmethoden für Druckmessumformer
(IEC 62828-2:2026)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62828-2:2026 (E)**European foreword**

The text of document 65B/1308/FDIS, future edition 2 of IEC 62828-2, prepared by SC 65B "Measurement and control devices" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62828-2:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-08-31 document have to be withdrawn

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The text of the International Standard IEC 62828-2:2026 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61010-1:2010	NOTE	Approved as EN 61010-1:2010 (not modified)
IEC 61987-13	NOTE	Approved as EN 61987-13
IEC 62828 (series)	NOTE	Approved as EN IEC 62828 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62828-1	2026	Reference conditions and procedures for testing industrial and process measurement transmitters - Part 1: General procedures for all types of transmitters	-	-
IEC 61518	-	Mating dimensions between differential pressure (type) measuring instruments and flanged-on shut-off devices up to 413 BAR (41,3 MPa)	EN 61518	-

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IEC 62828-2

Edition 2.0 2026-06

INTERNATIONAL STANDARD

**Reference conditions and procedures for testing industrial and process
measurement transmitters -
Part 2: Specific procedures for pressure transmitters**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Reference conditions and procedures for testing industrial and process
measurement transmitters -
Part 2: Specific procedures for pressure transmitters**

FOREWORD

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IEC 62828-2 has been prepared by subcommittee 65B: Measurement and control devices, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) revision according to the latest IEC rules;
- b) comparison with the general part of IEC 62828-1;
- c) additions and more precise definitions in the "Terms and definitions" clause;
- d) correction of the calculation formulas for the measurement error;