SLOVENSKI STANDARD
SIST EN 13757-3:2025

01-junij-2025

Komunikacijski sistemi za merilnike - 3. del: Aplikacijski protokoli

Communication systems for meters - Part 3: Application protocols

Kommunikationssysteme für Zähler - Teil 3: Anwendungsprotokolle

Systèmes de communication pour compteurs - Partie 3 : Protocoles d'application

Ta slovenski standard je istoveten z: **EN 13757-3:2025**

ICS:

33.200	Daljinsko krmiljenje, daljinske meritve (telemetrija)	Telecontrol. Telemetering
35.100.70	Uporabniški sloj	Application layer

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13757-3

April 2025

ICS 33.200; 35.100.70; 35.240.99; 91.140.50

Supersedes EN 13757-3:2018

English Version

Communication systems for meters - Part 3: Application protocols

Systèmes de communication pour compteurs - Partie 3 : Protocoles d'application

Kommunikationssysteme für Zähler - Teil 3: Anwendungsprotokolle

This European Standard was approved by CEN on 24 February 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 13757-3:2025) has been prepared by Technical Committee CEN/TC 294 "Communication systems for meters", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.

This document supersedes EN 13757-3:2018.

EN 13757-3:2025 includes the following significant technical changes with respect to EN 13757-3:2018:

— support of sensor devices and alarm devices in new subclause 6.5 and Table 13;

— change of device type codes for thermal energy meters (heat and cooling);

— addition of a new Table 14 - Bit field definition of "Installation conditions";

— marking of unused VIF/VIFE in Table 10 and Table 12 as deprecated;

— extension of the coding of message application in Table 26;

— addition of alternative non-metric units in Annex C;

— revision of the clock synchronisation protocol in Clause E.3.

EN 13757 is currently composed with the following parts:

— *Communication systems for meters — Part 1: Data exchange;*

— *Communication systems for meters — Part 2: Wired M-Bus communication;*

— *Communication systems for meters — Part 3: Application protocols;*

— *Communication systems for meters — Part 4: Wireless M-Bus communication;*

— *Communication systems for meters — Part 5: Wireless M-Bus relaying;*

— *Communication systems for meters — Part 7: Transport and security services;*

— *Communication systems for meters — Part 8: Adaptation Layer;*

— *CEN/TR 17167, Communication systems for meters — Accompanying TR to EN 13757-2, -3 and -7, Examples and supplementary information.*

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

This document falls under Mandate EU M/441 "Standardisation mandate to CEN, CENELEC and ETSI in the field of measuring instruments for the development of an open architecture for utility meters involving communication protocols enabling interoperability" by providing the relevant definitions and