
Sestavni deli krmilne zanke BAC - Ocena kakovosti in delovanja - 1. del: Splošni okvir in postopek

BAC Control loop components - Quality and performance assessment - Part 1: General framework and procedure

Komponenten von Gebäudeautomation-Regelkreisen - Bewertung von Qualität und Leistung - Teil 1: Allgemeiner Rahmen und Verfahren

Lles Composants d'une Boucle de Régulation- Évaluation de la qualité et performance - Partie 1: Document Cadre Général et procédures

Ta slovenski standard je istoveten z: CEN/TR 17689-1:2026

ICS:

35.240.67	Uporabniške rešitve IT v gradbeništvu	IT applications in building and construction industry
97.120	Avtomatske krmilne naprave za dom	Automatic controls for household use

SIST-TP CEN/TR 17689-1:2026**en,fr,de**

Sample Document

get full document from standards.iteh.ai

TECHNICAL REPORT

CEN/TR 17689-1

RAPPORT TECHNIQUE

TECHNISCHER REPORT

June 2026

ICS 35.240.67; 97.120

English Version

BAC Control loop components - Quality and performance assessment - Part 1: General framework and procedure

Lles Composants d'une Boucle de Régulation-
Évaluation de la qualité et performance - Partie 1:
Document Cadre Général et procédures

Komponenten von Gebäudeautomation-Regelkreisen -
Bewertung von Qualität und Leistung - Teil 1:
Allgemeiner Rahmen und Verfahren

This Technical Report was approved by CEN on 17 May 2026. It has been drawn up by the Technical Committee CEN/TC 247.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Sample Document

get full document from standards.iteh.ai



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

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

© 2026 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. CEN/TR 17689-1:2026 E

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Abbreviations	6
5	Numbering scheme	6
6	Control loop	6
7	Quality and performance assessment for the sensors	7
8	Quality and performance assessment for the valves and actuators	8
Bibliography		9

Sample Document

get full document from standards.iteh.ai

European foreword

This document (CEN/TR 17689-1:2026) has been prepared by Technical Committee CEN/TC 247 “Building Automation, Controls and Building Management”, the secretariat of which is held by SNV.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared with the involvement of the EU Industry BAC Association eu.bac and supports essential requirements of EU Directive(s).

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website

Sample Document

get full document from standards.iteh.ai