

Industrial communications subsystem based on ISO 11898 (CAN) for controller-device interfaces —

Part 1: General requirements

The European Standard EN 50325-1:2000 has the status of a British Standard

ICS 43.180

National foreword

This British Standard is the official English language version of EN 50325-1:2000.

The UK participation in its preparation was entrusted to Technical Committee AMT/7, Monitoring and control aspects of AMT, which has the responsibility to:

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Summary of pages

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English version

**Industrial communications subsystem based on ISO 11898 (CAN)
for controller-device interfaces —
Part 1: General requirements**

This European Standard was approved by CENELEC on 2000-01-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CENELEC

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

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 65CX, Fieldbus.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50325-1 on 2000-01-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2001-05-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-01-01

This European Standard is divided into three parts:

- Part 1 General requirements
- Part 2 DeviceNet specification
- Part 3 Smart Distributed System (SDS) specification

NOTE This European Standard exists only in English.

The specifications for DeviceNet and SDS are based on ISO 11898, a broadcast-oriented communications protocol. However, ISO 11898 specifies only part of a complete communication system, and additional specifications are needed for other layers to ensure precise data exchange functionality and support of inter-operating devices. The DeviceNet and SDS specifications build on ISO 11898 to describe a complete industrial communication system.

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Honeywell's undertakings (policy letter on licensing, the license offer and the form of license) in this respect are on file with CENELEC and available for inspection by all interested parties at the CENELEC Central Secretariat.

The license details may be obtained from

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1) in preparation.

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