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# PUBLIC TRANSPORT - ROAD VEHICLE SCHEDULING AND CONTROL SYSTEMS - PART 5: CANOPEN CABLING SPECIFICATIONS

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# Public transport - Road vehicle scheduling and control systems - Part 5: CANopen cabling specifications

Transports publics - Systèmes d'ordonnancement et de contrôle des véhicules routiers - Partie 5: Spécifications de câblage CanOpen

Öffentlicher Verkehr - Planungs- und Steuerungssysteme für Straßenfahrzeuge - Teil 5: Festlegungen für CANopen Verbindungen

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## Foreword

This document (EN 13149-5:2004) has been prepared by Technical Committee CEN/TC 278 "Road Transport and Traffic Telematics", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by March 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

This document supersedes ENV 13149-5:2002.

This document is part of the following series of standards related to road vehicle scheduling and control systems:

EN 13149-1, *Public transport - Road vehicle scheduling and control systems - Part 1: WORLDFIP definition and application rules for onboard data transmission*

EN 13149-2, *Public transport - Road vehicle scheduling and control systems - Part 2: WORLDFIP cabling specifications*

prENV 13149-3, *Public transport - Road vehicle scheduling and control systems - Part 3: WORLDFIP message content*

EN 13149-4, *Public transport - Road vehicle scheduling and control systems - Part 4: General application rules for CANopen transmission buses*

EN 13149-5, *Public transport - Road vehicle scheduling and control systems - Part 5: CANopen cabling specifications*

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## Introduction

This document is part 5 of EN 13149, which gives rules for on-board data transmission systems.

This part 5 together with part 4 and part 6 describes a complete solution independent from part 1, part 2 and part 3.

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