DIN EN 12966-1:2010-03 (E)

Road vertical signs - Variable message traffic signs - Part 1: Product standard (includes Amendment A1:2009)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Dimensions and tolerances 8

5 General design requirements 9

6 Materials 9

7 Visual performance 9

8 Physical performance 18

9 Test methods 21

10 Product classification codes 35

11 Marking, labelling and product information 36

12 Evaluation of conformity 37

13 Dangerous substances 37

Annex A (normative) Equivalent area 38

Annex B (informative) Terminology used in this document 45

Annex C (informative) !!!!Guidance on graphics for discontinuous light emitting signs"""" 47

Annex D (informative) !!!!Guidance on dimensions and class combinations for discontinuous light emitting signs"""" 58

Annex E (informative) Specific design issues 66

Annex F (informative) Design of VMS messages 68

Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives 70

Bibliography 77