INTERNATIONAL STANDARD

ISO
4129

Road vehicles — Mopeds — Symbols for controls, indicators and tell-tales

Véhicules routiers — Cyclomoteurs — Symboles pour les commandes, les indicateurs et les témoins

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Contents

Page

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9715-0cf9f73518fb/iso-4129-2012

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of ISO 4129 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4129 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 23, *Mopeds*.

This third edition cancels and replaces the second edition (ISO 4129:1990), which has been technically revised.

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Road vehicles — Mopeds — Symbols for controls, indicators and tell-tales

1 Scope

This International Standard specifies the symbols, i.e. conventional signs, used to identify certain controls, indicators and tell-tales on a moped[1] and to facilitate their usage[2].

This International Standard also indicates the colours of possible optical tell-tales which warn the driver of the operation or malfunctioning of the related devices and equipment.

This International Standard is applicable to those controls, indicators and tell-tales, which, when used, are fitted on the instrument panel or in the immediate vicinity of the moped rider.

2 General

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2.1   It is not mandatory to adopt a symbol for all controls, indicators and tell-tales likely to be fitted on the moped. Nevertheless, when symbols are provided (because they have been enforced by law or for any manufacturer's reason) their type shall be as specified in this International Standard.

ISO 4129:2012

2.2   The symbols must be such that, when viewed by the driver from his normal seated position, they are recognizable as shown in Annexes A to G[3].

2.3   Symbols on controls and tell-tales shall have a good contrast with their background. Some symbols can be only embossed if the symbols are identified clearly without paint.

2.4   The symbol must be placed on, or adjacent to, the control or tell-tale to be identified. Where this is not possible, the symbol and the control or tell-tale must be joined by a continuous line as short as possible.

2.5   If, in a symbol, a moped or parts of a moped are shown in a side view, a moped driving from right to left shall be used.

2.6   Focused light shall be represented by parallel rays and diffuse light by divergent rays.

2.7   When the following colours are used on the optical tell-tales, they shall have the meaning indicated below:

⎯ red: danger;

⎯ yellow (amber): caution;

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1) 'Moped' as defined in ISO 3833.

2) Prints of these symbols for reproduction purposes may be obtained from the ISO Central Secretariat.

3) Many of these symbols are also contained in ISO 2575. The symbol reference number may be different in the two international standards but the ISO/IEC registration number is the same.

⎯ green: safety;

⎯ blue shall only be used for the headlight upper beam tell-tale.

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Annex A
(normative)

Lighting and signalling devices

Symbol number	Symbol form/shape	Symbol description/application	ISO/IEC registration number
A.01		**High (main) beam** Colour of telltale light: blue Framed areas of this symbol may be solid. The control operating alternately the high beam and the low beam may include two symbols, one for each of the positions: high beam, low beam.	7000-0082
A.02		**Low (dipped) beam** Framed areas of this symbol may be solid. The control operating alternately the high beam and the low beam may include two symbols, one for each of the positions: high beam, low beam.	7000-0083
A.03		**Front fog light** Colour of telltale light: green If one control is used for both front and rear fog lights, this symbol shall be used.	7000-0633
A.04		**Rear fog light** Colour of telltale light: yellow (amber) If one control is used for both front and rear fog lights, the symbol for front fog light (A.03) shall be used.	7000-0634
A.06		**Position lights** Lighting switch may be combined with ignition control.	7000-0456
A.07		**Master lighting switch** Lighting switch may be combined with ignition control.	Application of IEC 60417-5012
A.08		**Turn signals** Colour of telltale light: green Framed areas of this symbol may be solid.	7000-0084

Symbol number	Symbol form/shape	Symbol description/application	ISO/IEC registration number
A.09		**Hazard warning** Simultaneous operation of both green turn signal tell-tales, or separate red signal. This symbol applies only to the control and to the separate red tell-tale. Framed areas of this symbol may be solid.	7000-0085
A.10		**Horn**	7000-0244

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Annex B
(normative)

Braking system

Symbol number	Symbol form/shape	Symbol description/application	ISO/IEC registration number
B.01		**Anti-lock brake system, failure** Colour of telltale light: yellow (amber) The letters "ABS" may match the type style used throughout the instrument panel.	7000-1407