

Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing —

**Part 3: Light-duty (L series) stud ends
with sealing by O-ring with retaining
ring (types G and H)**

ICS 23.100.40

National foreword

This British Standard is the UK implementation of EN ISO 1179-3:2008. It is identical to ISO 1179-3:2007.

The UK participation in its preparation was entrusted by Technical Committee MCE/18, Fluid power systems and components, to Subcommittee MCE/18/-/4, Connectors and associated components.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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English Version

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Raccordements pour applications générales et transmissions hydrauliques et pneumatiques - Orifices et éléments mâles à filetage ISO 228-1 et joint en élastomère ou étanchéité métal sur métal - Partie 3: Éléments mâles série légère (série L) avec étanchéité par joint torique et bague de retenue (types G et H) (ISO 1179-3:2007)

Leitungsanschlüsse für allgemeine Anwendung und Fluidtechnik - Einschraublöcher und Einschraubzapfen mit Gewinde nach ISO 228-1 und Elastomerdichtung oder metallener Dichtkante - Teil 3: Einschraubzapfen mit O-Ring-Dichtung mit Stützring (Formen G und H), leichte Reihe (L) (ISO 1179-3:2007)

This European Standard was approved by CEN on 25 March 2008.

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Foreword

The text of ISO 1179-3:2007 has been prepared by Technical Committee ISO/TC 131 “Fluid power systems” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 1179-3:2008 by Technical Committee EC/ISS/TC 29 “Steel tubes and fittings for steel tubes” the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

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

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Endorsement notice

The text of ISO 1179-3:2007 has been approved by CEN as a EN ISO 1179-3:2008 without any modification.

INTERNATIONAL STANDARD

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Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing —

Part 3:

Light-duty (L series) stud ends with sealing by O-ring with retaining ring (types G and H)

*Raccordements pour applications générales et transmissions
hydrauliques et pneumatiques — Orifices et éléments mâles à filetage
ISO 228-1 et joint en élastomère ou étanchéité métal sur métal —*

*Partie 3: Éléments mâles série légère (série L) avec étanchéité par joint
torique et bague de retenue (types G et H)*



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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 2.

The main task of technical committees is to prepare International Standards. 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.

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ISO 1179-3 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

This first edition of ISO 1179-3, together with ISO 1179-1, ISO 1179-2 and ISO 1179-4, cancels and replaces ISO 1179:1981 which has been technically revised.

ISO 1179 consists of the following parts, under the general title *Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing*:

- *Part 1: Threaded ports*
- *Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E)*
- *Part 3: Light-duty (L series) stud ends with sealing by O-ring with retaining ring (types G and H)*
- *Part 4: Stud ends for general use only with metal-to-metal sealing (type B)*