

INTERNATIONAL
STANDARD

ISO
6952

Second edition
1994-09-01

**Fluid power systems and components —
Two-pin electrical plug connectors with
earth contact — Characteristics and
requirements**

*Transmissions hydrauliques et pneumatiques — Connecteurs électriques
à deux broches avec contact de sécurité — Caractéristiques et exigences*



Reference number
ISO 6952:1994(E)

Foreword

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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.

International Standard ISO 6952 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 5, *Control products and components*.

This second edition cancels and replaces the first edition (ISO 6952:1989), of which it constitutes a technical revision. In particular, clause 10 has been added.

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International Organization for Standardization
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Introduction

In fluid power systems, power is transmitted and controlled through a fluid under pressure within an enclosed circuit. Typical components found in such systems are hydraulic and pneumatic controls. These devices are used to regulate the function of a component or system.

Some control components found in fluid power systems are electrically actuated. The electrical plug connector described in this International Standard is used with control and regulation assemblies for use in hydraulic and pneumatic fluid power systems.