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**Pneumatic fluid power — Electro-  
pneumatic pressure control valves —**

**Part 2:**

**Test methods to determine main  
characteristics to include in the  
supplier's literature**

*Transmissions pneumatiques — Appareils électropneumatiques de  
distribution à commande continue de pression —*

*Partie 2: Méthodes d'essai pour déterminer les principales  
caractéristiques à inclure dans la documentation des fournisseurs*

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CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document 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 10094-2:2010), which has been technically revised.

The main changes are as follows:

- Addition of definitions for response time, settling time, and shifting time in [Clause 3](#);
- Revision of the procedure for the repeatability test: addition of 15 % and 85 % of the electrical control signal full-scale to tested values (in addition to 50 %) in [7.2.4](#);
- Addition of two subclauses relating to Sensitivity ([7.3.7](#)) and Offset ([7.3.8](#)) respectively;
- Revision of the test procedure to determine leakage characteristics to simplify the test practice ([10.2](#)).
- Deletion of the no tank test version and test circuit from the test practices in [Clause 11](#) related to dynamic characteristics;
- The former [subclause 11.2](#), frequency characteristics, has been made an informative annex ([Annex A](#)).

A list of all parts in the ISO 10094 series can be found on the ISO website.

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