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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 25926-2010

**Industrial-process measurement and control instrument panels
- Methods of drawing the wiring and piping diagrams**

工业自动化仪表盘 接线接管图的绘制方法

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Representation

Foreword

The standard proposed by China Machinery Industry Federation. This standard by the national industrial process measurement and control Standardization Technical Committee (SAC/TC124) centralized. This standard is drafted by: Shanghai Institute of Industrial Automation Instrumentation. Participated in the drafting of this standard. Shanghai Automation Instrumentation System Inspection and Testing Institute. The main drafters of this standard. Li Minghua, Cai Zhi Wen, Xiao practice. This standard is the first release. Industrial automation dashboard wiring diagram takeover Rendering

1 Scope

GB/T 25926-2010 is the Chinese national standard on industrial-process measurement and control instrument panels - methods of drawing the wiring and piping diagrams, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 January 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 25.040.40, CCS N10. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the industrial process is mounted on the dashboard of measurement and control instruments, electrical components and instrumentation attachments (referred to item) wiring, Representation takeover graph, drawing rules and graphical method. This standard applies to industrial automation instrument panel wiring diagram plotted to take over. Wiring diagram plotted to take over the control panel (cabinet) can also refer to adopt.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2625-1981 detection and control process flow chart - Symbols and letter codes

GB/T 4728 (all parts), Graphical symbols for electrical diagrams (IEC 60617database, IDT)

GB 4884 insulated wire markers (GB 4884-1985, eqv

IEC 60391. 1972) Drawing method

GB/T 25927-2010 Industrial automation dashboard layout of the disk

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Project item For components, equipment, devices, and other elements on the diagram with a graphical notation.

3.2 Project Code itemcode A special code for logos, charts and project on the device.

3.3 Location code positioncode Project components, devices, systems of the actual position of the code.

3.4 Terminal designation terminalcode Used with an external circuit electrically connected to the conductor code.

3.5 Wear fittings Code conduitjointcode Used with external piping in piping connected to the pipe joint code.

4 Representation

4.1 Wiring, flattened face takeover Wiring, flattened face takeover is in accordance with the structural features of the instrument panel and wiring, take over the process adopted to the dashboard viewing direction, take the main