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

GB/T 32215-2015

**Pneumatic fluid power -- Identification of ports and control
mechanisms of control valves and other components**

气动 控制阀和其他元件的气口和控制机构的标识

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with ISO 11727:1999 air inlet and control means "Pneumatic control valves and other components of Identity. "

Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 17446-2012 Fluid power systems and components - Vocabulary (ISO 5598:2008, IDT).

This standard made the following editorial changes.

--- References used in the applicable file instead of the international documents and deleted the defunct ISO 5599-3:1990.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee of hydraulic and pneumatic (SAC/TC3) centralized.

Introduction

In the pneumatic system, the power is through a closed loop control and compressed air to pass.

The flow direction of the fluid flow channel depends pneumatic system components selected conduction and switching.

Gas inlet and identification mechanism allows the user to control the pneumatic system components properly connected.

Pneumatic control valves and other components of the air intake and Identifies the control mechanism

1 Scope

1.1

standard specifies the pneumatic directional control valve identification and labeling rules for air intake. Air intake includes a main gas line connection port, control of air routes connecting port and pilot gas line connection port.

1.2

This standard applies to the electromagnetic coil cable identification and labeling rules. But it does not apply to internal electrical connections integrated components, such as bus Control connection system.

1.3

This standard specifies the directional control valve control mechanism of identification and labeling rules.

1.4

This standard specifies the filter, regulator, lubricator, check valves, flow control valves and other auxiliary components inlet and (or) the flow of knowledge Do and labeling rules.

1.5

standard does not include pneumatic proportional control valve, pneumatic logic valves, cylinders, air motors, swing cylinder, air compressor, air dryer or Air intake identification and labeling rules for other elements in this standard, no particular description.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 5598 Fluid power systems and components - Vocabulary
(Fluidpowersystemsandcomponents-Vocabulary)

3 Terms and Definitions

As defined in ISO 5598 and the following terms and definitions apply to this standard.

Control means controlmechanism the elements providing means (e.g., a joystick, electromagnet) of the input signal.

Note: Sometimes also used the term "manipulator" and "executing agency" represents this definition, but the "control means" is preferred.

The pilot inlet pilotcontrolport Change makes state control element is changed by the inlet pressure (pressure change usually signals from an external source).

External pilot air intake externalpilotsupplyport Receiving continuous, uninterrupted gas supply pressure from the outside air intake (as used by the control means).

Primary air inlet mainports when the control element operating mechanism, which communicates with another air intake or closed air intakes.

Solenoid cable solenoidlead Directly connecting wires to the solenoid coil.