Chinastandards.org

ICS 37.040.10
CCS N 46

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 13988-2025

Replacing GB/T 13988-1992

Types and dimensions for connectors of electronic photoflash equipment and synchro-cord

照相用电子闪光装置与同步线的连接件型式及尺寸

(English Translation)

Issued on: August 29, 2025 **Implemented on: March 1, 2026**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

Preview: page 1 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-13988-2025

Chinastandards.org

Table of Contents

Preface
1 Scope
2 Normative References
3 Terms and Definitions
4 Types and Dimensions
References

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

This document supersedes GB/T 13988-1992 "Types and Dimensions of Connectors for Electro-Flash Devices and Synchronization Lines for Photography", and is consistent with... Compared with GB/T 13988-1992, apart from structural adjustments and editorial changes, the main technical changes are as follows.

---The number of connector types has been changed from 5 to 4 (see Chapter 4, Chapter 2 of the 1992 edition);

---Four new plug and socket sizes have been added (see Tables 1-4).

This document is equivalent to ISO 8581:1994 "Sync line connectors for electronic flash units in photography". This document includes a new chapter on "Terms and Definitions".

The following minimal editorial changes have been made to this document.

---The standard title has been changed to "Types and Dimensions of Connectors for Electronic Flash Devices and Synchronization Lines for Photography";

---Adjust the informative references to ISO 519, IEC 60320-1, and IEC TR60083 in the text from normative references to reference documents. References;

---References have been added.

1 Scope

This document specifies the connector types (plugs and sockets) for electronic flash devices and synchronization lines, and provides four connector types and... size.

This document does not apply to connectors that connect power to the flashing device (see

Preview: page 2 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-13988-2025

IEC TR60083 and IEC 60320-1), nor does it apply to... Connect the handheld camera to the connector on the flash unit sync cable (see ISO 519).

2 Normative references

This document has no normative references.

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

The four types of connectors are shown in Figures 1 to 4, and the dimensions are shown in Tables 1 to 4.

E --- The distance between the positive plug core axis and the negative plug core axis;

F --- Length of the chamfer on the positive plug pin; G --- Radius of the negative plug core; H---Round radius of the positive plug pin head.

a) Plug

4 Types and Dimensions

The symbols " ", "N", and "-" indicate the polarity of the electrode. Indexing symbol explanation. A --- Diameter of the negative plug pin; B --- Thickness of the positive plug core; C --- Plug pin length; D --- Width of the positive plug pin;

Preview: page 3 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-13988-2025