

Metal thermowells for thermometer sensors — Functional dimension

ICS 17.200.20;25.040.40

National foreword

This British Standard reproduces verbatim IEC 61520:2000 and implements it as the UK national standard.

The UK participation in its preparation was entrusted by Technical Committee GEL/65, Measurement and Control, to Subcommittee GEL/65/2, Elements of systems, which has the responsibility to:

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**Doigts de gants métalliques pour
capteurs de température –
Dimensions fonctionnelles**

**Metal thermowells for thermometer sensors –
Functional dimensions**



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

METAL THERMOWELLS FOR THERMOMETER SENSORS – FUNCTIONAL DIMENSIONS

FOREWORD

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International Standard IEC 61520 has been prepared by subcommittee 65B: Devices, of IEC technical committee 65: Industrial-process measurement and control.

The text of this standard is based on the following documents:

FDIS	Report on voting
65B/391/FDIS	65B/395/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The committee has decided that the contents of this publication will remain unchanged until 2007. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

INTRODUCTION

This International Standard specifies only functional dimensions of metal thermowells. When deciding upon such items as wall and tip thickness, operational conditions such as temperature, pressure, flow velocity and media should be taken into consideration together with the thermowell material and natural frequency.