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English Version

**Aerospace series - Connectors, electrical, rectangular, modular -  
Operating temperature 175 °C continuous - Part 015: Round  
chimney for accessory (1 per module cavity) - Product standard**

Série aérospatiale - Connecteurs électriques rectangulaires  
modulaires - Température d'utilisation 175 °C continu -  
Partie 015 : Cheminées cylindriques pour accessoires (1  
par cavité de module) - Norme de produit

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder  
in modularer Bauweise - Betriebstemperatur 175 °C  
konstant - Teil 015: Zugentlastung, rund, für ein Modul -  
Produktnorm

This draft European Standard is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee AECMA.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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## Foreword

This document (prEN 4165-015:2005) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

This document is currently submitted to the Formal Vote.

Uncontrolled copy when printed (: PAREDES LORENZO, JOS MARA (EXTERNAL), 10/05/2018)

## 1 Scope

This standard defines the round chimney for accessories (1 per module cavity) used in the family of rectangular electrical connectors.

The connector accessory body corresponding to those round chimneys is defined in EN 4165-014.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2424, *Aerospace series – Marking of aerospace products*

EN 4165-001, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification*

EN 4165-002, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements*

EN 4165-014, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 014: Shielded accessory body, 2 and 4 modules for connectors, series 2 and series 3 – Product standard*

## 3 Terminology

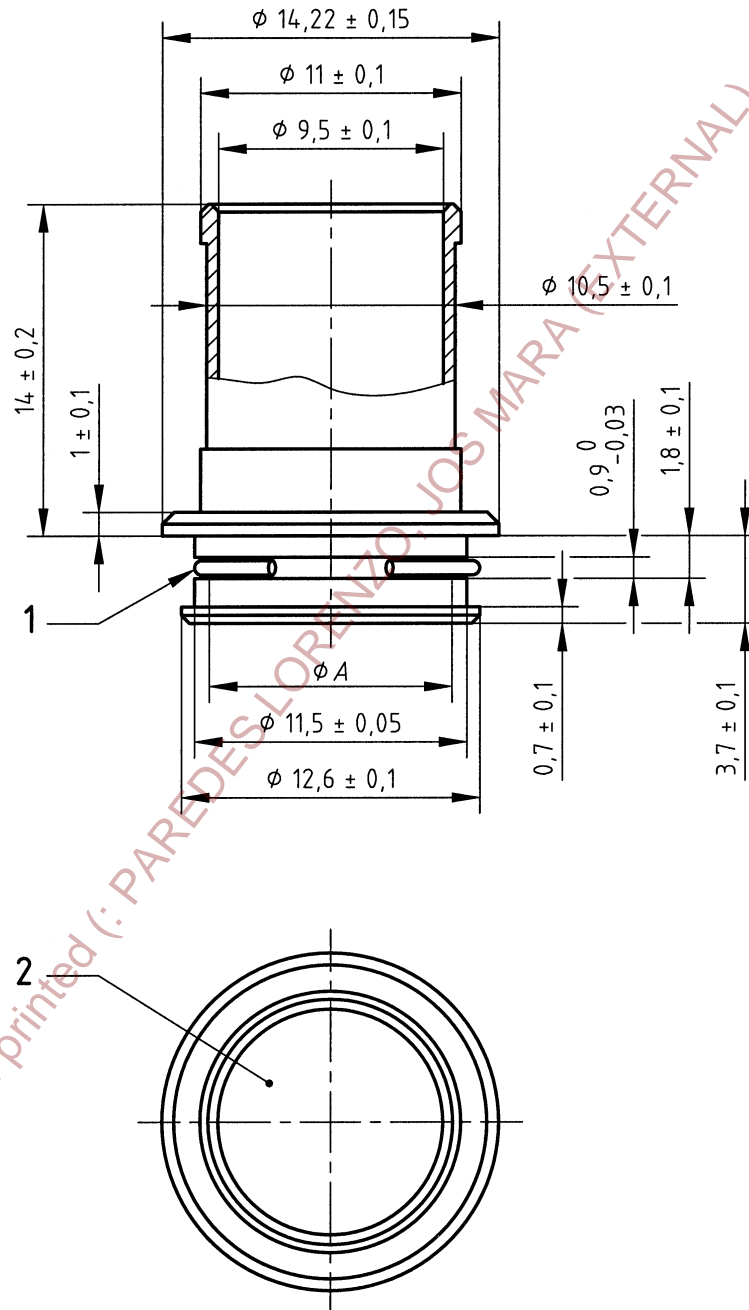
See EN 4165-001.

## 4 Required characteristics

See Figure 1.

## 5 Round chimney for accessories

Dimensions are in millimetres.



$\phi A = 10,25$  max. (glove for clip)

### Key

- 1 hexagonal clip, thread  $\phi 0,6$
- 2 inside section  $70,8 \text{ mm}^2$

Figure 1

## 6 Round chimney for accessory class

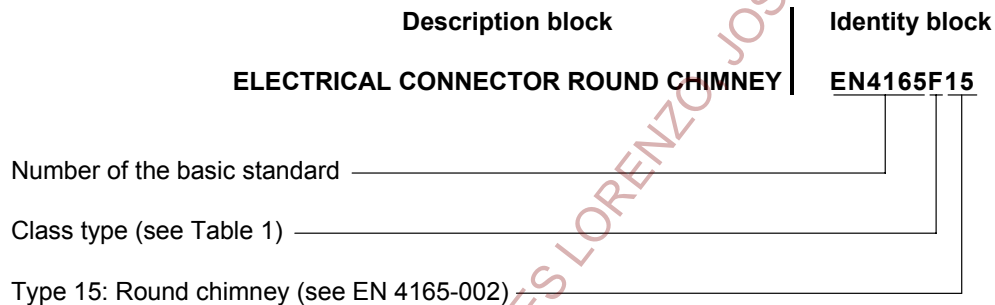
See Table 1.

Table 1

Class	Description
W	Round chimney for accessory with housing (shell) olive drab cadmium plated, aluminium alloy, conducting finish, 500 hours resistance to salt mist, maximum operating temperature 175 °C continuous
F	Round chimney for accessory with housing (shell) black nickel plated, aluminium alloy, 96 hours resistance to salt mist, maximum operating temperature 175 °C continuous

## 7 Designation

EXAMPLE:



## 8 Marking

Unless there are other specific contractual requirements, the marking shall be in accordance with EN 2424, category P.

## 9 Technical specification

See EN 4165-001.