
**Aeronavtika - Električni kontakti za uporabo v veznih elementih - 074. del:
Kontakti, električni, quadrax, velikost 8, moški, tip E, nagubani, razred R -
Standard za proizvod**

Aerospace series - Electrical contacts used in elements of connection - Part 074:
Contacts, electrical, quadrax, size 8, male, type E, crimp, class R - Product standard

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen -
Teil 074: Elektrische quadraxiale Stiftkontakte, Größe 8, Typ E, crimpbar, Klasse R -
Produktnorm

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie
074: Contacts électriques, quadrax, taille 8, mâles, type E, à sertir, classe R - Norme de
produit

Ta slovenski standard je istoveten z: EN 3155-074:2026

ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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SIST EN 3155-074:2026

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Sample Document

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3155-074

March 2026

ICS 49.060

Supersedes EN 3155-074:2009

English Version

Aerospace series - Electrical contacts used in elements of connection - Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, classes P, R and S - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 074 : Contacts électriques, quadrax, taille 8, mâles, type E, à sertir, classes P, R et S - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 074: Elektrische quadraxiale Stiftkontakte, Größe 8, Typ E, crimpbar, Klassen P, R und S - Produktnorm

This European Standard was approved by CEN on 5 October 2025.

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Ref. No. EN 3155-074:2026 E

Contents	Page
European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	6
4 Required characteristics	6
4.1 Specific characteristics	6
4.2 Dimensions and mass.....	6
4.3 Product identification	8
4.3.1 Marking	8
4.3.2 Contact location identification.....	8
4.4 Material, surface treatment	9
4.4.1 Material	9
4.4.2 Protective coating.....	9
4.4.3 Dielectric.....	9
4.5 Permissible cables	9
4.6 Wiring	10
4.7 Tools	12
4.8 Tests.....	12
4.8.1 General.....	12
4.8.2 Connectors for qualification tests.....	16
5 Designation	17
6 Marking	17
7 Technical specification	17
Bibliography	18

European foreword

This document (EN 3155-074:2026) has been prepared by ASD-STAN.

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

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2026, and conflicting national standards shall be withdrawn at the latest by September 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3155-074:2009.

EN 3155-074:2026 includes the following significant technical changes with respect to EN 3155-074:2009:

- classes P and S added;
- normative references updated;
- dimensions in figures updated;
- specification of shield ferrule added (Figure 4);
- test sequence updated to ensure performance measurements of insertion loss (EN 2591-222) and impedance characteristic (EN 2591-223) tests;
- subclause 4.8.2 “Connectors for qualification tests” added;
- identity block in designation updated;
- document editorially revised.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 3155-074:2026 (E)

1 Scope

This document specifies the required characteristics, tests and tooling applicable to male electrical quadrax contacts, shielded, size 8, type E characteristic impedance 100 Ω , crimp, classes P, R and S, used in elements of connection in accordance with EN 3155-002.

It is used together with EN 3155-001.

The associated female contacts are specified in EN 3155-075.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2591-101, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 101: Visual examination*

EN 2591-102, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 102: Examination of dimensions and mass*

EN 2591-201, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 201: Contact resistance — Low level*

EN 2591-202, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 202: Contact resistance at rated current*

EN 2591-204, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 204: Discontinuity of contacts in the microsecond range*

EN 2591-205, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 205: Housing (shell) electrical continuity*

EN 2591-206, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 206: Measurement of insulation resistance*

EN 2591-207, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 207: Voltage proof test*

EN 2591-212, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 212: Surface transfer impedance*

EN 2591-221, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 221: Voltage Standing Wave Ratio (VSWR)*

EN 2591-222, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 222: Insertion Loss (I.L.)*

EN 2591-223, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 223: Measurement of characteristic impedance of a coaxial connector or contact*

EN 2591-301, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 301: Endurance at temperature*

EN 2591-305, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 305: Rapid change of temperature*

EN 2591-306, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 306: Mould growth*

EN 2591-307, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 307: Salt mist*

EN 2591-314, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 314: Immersion at low air pressure*

EN 2591-315, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 315: Fluid resistance*

EN 2591-324, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 324: Interfacial sealing*

EN 2591-402, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 402: Shock*

EN 2591-403, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 403: Sinusoidal and random vibration*

EN 2591-406, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 406: Mechanical endurance*

EN 2591-417, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 417: Tensile strength (crimped connection)*

EN 2591-503, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 503: Contact deformation after crimping*

EN 2591-507, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 507: Plating porosity*

EN 2591-508, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 508: Measurement of thickness of coating on contacts*

EN 2591-509, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 509: Adhesion of coating on contacts*

EN 2591-513, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 513: Magnetic permeability*

EN 3155-001, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical specification*

EN 3375-008, *Aerospace series — Cable, electrical, for digital data transmission — Part 008: Single braid — Star Quad 100 Ohms — Type KD — Product standard*

EN 3375-011, *Aerospace series — Cable, electrical for digital data transmission — Part 011: Single braid — Star Quad 100 ohms — Lightweight — Type KL — Product standard*