J.S. Hamilton Poland Sp. z o.o.
Certification Body
ul. Wyzwolenia 14
41-103 Siemianowice Śląskie

(1)

CERTIFICATE OF CONFORMITY
No. JSHP/100/CZ/2024

issue 0

(2) Name and address of the manufacturer:

Alotek Technology Sp. z o.o.
Zadąbrowie 311, 37-716 Orły, Poland

(3) Product name:

Shape memory alloy "Camital" and products made of it:
Intermetallic threshold thermal indicator
Intermetallic pressure stabilizer

(4) This certificate applies only to the evaluation, examination and tests of the represented product type on the basis of a certification program type 1a – PR-1a NA (acc. to PN-EN ISO/IEC 17067).

(5) This certificate can be used as a basis to declare that the following manufactured copies of products comply with the requirements specified in the certificate.

(6) Assessment, list of documents and test reports, that are the basis for issuing this certificate, have been included in a confidential product assessment report No. JSHP/RW/103/CZ/24/AP.

(7) This certificate can be distributed only in an unchanged format. Partial reproduction and distribution of this certificate is prohibited.

(8) This certificate is valid from 12.11.2024 to 11.11.2027.

JEDNOSTKA ATESTUJĄCA, OPINIUJĄCA I CERTYFIKUJĄCA J.S. HAMILTON POLAND Sp. z o.o.

Damian Wróbel
Kierownik
Jednostki Certyfikującej

HAMILTON

Siemianowice Śl., 12th November 2024

(9) Data necessary for identification of the product type:

The shape memory alloy "Camital" is Cu-Al-Mn alloy, characterized by the appearance of bronze.
The threshold intermetallic thermal indicator is made in the form of a strip consisting of an "active" part, made of the shape memory alloy "Camital" and a "signal" part (made of colored synthetic self-adhesive foil) connected to each other.
The intermetallic pressure stabilizer is made in the form of a conical washer, made of the shape memory alloy "Camital".
The above thermal indicator and pressure stabilizer are used in electrical screw connections between a nut and a current-conducting element, e.g. a rail, cable terminal, etc., to signal contact overheating during current flow (applies to the indicator) and to regulate the contact temperature during overheating (applies to the stabilizer).

(10) Basis for issuing the certificate:

EN 62321-3-1:2014
(PN-EN 62321-3-1:2014-08)

(11) The certificate is valid only if the obligations contained in the certification agreement are respected.

(12) Document history:

- Certificate No. JSHP/100/CZ/2024 of 12.11.2024 - issue 0

Damian Wróbel
Kierownik
Jednostki Certyfikującej

Siemianowice Śl., 12th November 2024