

# Compliance Statement

No. 2022-021

## Connecting Hardware, Category 6A

Including 4 Pair Power over Ethernet (4PPoE)

(Un-mating connectors under electrical load of up to 2 A per conductor)

### Company

iv.sys GmbH  
Massener Str. 119  
D – 59423 Unna

### Product description

Screened Category 6A RJ45 Keystone Jack characterised up to 500 MHz, 100  $\Omega$

### Product identification

IVKS5006AD

### Generic cabling and cabling components standards - Category 6A connector requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 60603-7-51:2010
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 60512-99-002:2019

### Technical report

12221533, DANAK-19/22431

### EC Cabling product ID

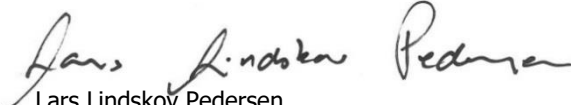
6164

### CS valid until

1 February 2023

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The testing included measurement of NEXT with a compliant test plug and calculation of all the 14 test cases in both measurement directions. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis once a year.

Hørsholm, 12 January 2022

  
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Test Manager

  
Dennis Andersen  
Head of Department

