

# UKCA-Declaration of Conformity

mcDSA-E27XC-EtherCAT Rev.DF.1 (PN 1513203)

**Manufacturer** miControl GmbH  
**Address of manufacturer** Chausseestraße 34  
 14979 Großbeeren (Diedersdorf)

declares that the products:

**Device names** mcDSA-E27XC-EtherCAT Rev.DF.1 (PN 1513203)  
**Purpose** motion controller

if used as intended comply with the basic requirements of:

- **Electromagnetic Compatibility Regulations 2016 No. 1091**
- **Supply of Machinery (Safety) Regulations 2008 No. 1597**

at the time of this declaration and that the following harmonised standards have been applied:

- BS EN 61800-3:2018 Adjustable speed electrical power drive systems. EMC requirements and specific test methods
- BS EN 61800-5-2:2017 Adjustable speed electrical power drive systems. Safety requirements
- BS EN 62061:2005+A2:2015 Safety of machinery. Functional safety of safety-related electrical, electronic and programmable electronic control systems
- BS EN ISO 13849-1:2015 Safety of machinery. Safety-related parts of control systems. General principles for design

In addition, the following standards have been applied:

- BS EN 61508 Part 1-7:2010 Functional safety of electrical/electronic/programmable electronic safety-related systems

The products must be used only as intended and must be operated only in combination with other devices that likewise comply with the protection requirements of the UK directives and the general requirements on product safety. This Declaration of Conformity will expire if the supplied devices are altered without authorisation and/or used not as intended. This declaration certifies compliance with the standards mentioned but does not imply any warranty of characteristics. The information provided in the product documentation must be observed.

Accredited certification institutes  
and UK approved body:

**TUV SUD BABT Unlimited**  
**Octagon House, Concorde Way**  
**Segensworth North**  
**Fareham PO15 5RL**

Approved Body Number: **0168**

Certificate number: **UK-MAC000147 i01**

Großbeeren, 2023-03-30  
**miControl GmbH**



Dariusz Parma - Managing Director

**Note:** When this declaration of conformity is issued, the previous declarations of conformity lose their validity.  
**Version:** 2.08.02.00  
**File:** "1585-0186-01-ER\_UKCA-DeclarationOfConformity\_mcDSA-E27XC-EtherCAT Rev.DF.1 (PN 1513203)\_en\_V2.08.02.00"