

# EU-Declaration of Conformity

mcDSA-F17-EtherCAT Rev.AF.1 (PN 1513811)

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

declares that the products:

**Device names** mcDSA-F17-EtherCAT Rev.AF.1 (PN 1513811)  
**Purpose** motion controller

if used as intended comply with the basic requirements of:

- **EMC Directive 2014/30/EU**
- **Machinery Directive 2006/42/EG**

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

- DIN EN 61800-3:2019 „Drehzahlveränderbare elektrische Antriebe - Teil 3: EMV-Anforderungen einschließlich spezieller Prüfverfahren (IEC 61800-3:2017)“
- DIN EN 61800-5-2:2017 „Elektrische Leistungsantriebssysteme mit einstellbarer Drehzahl - Teil 5-2: Anforderungen an die Sicherheit - Funktionale Sicherheit (IEC 61800-5-2:2016)“
- DIN EN 62061:2016 „Sicherheit von Maschinen - Funktionale Sicherheit sicherheitsbezogener elektrischer, elektronischer und programmierbarer elektronischer Steuerungssysteme (IEC 62061:2005 + A1:2012 + A2:2015)“
- DIN EN ISO 13849-1:2016 „Sicherheit von Maschinen - Sicherheitsbezogene Teile von Steuerungen - Teil 1: Allgemeine Gestaltungsleitsätze (ISO 13849-1:2015)“

In addition, the following standards have been applied:

- DIN EN 61508 Teile 1-7:2010 „Funktionale Sicherheit sicherheitsbezogener elektrischer/elektronischer/programmierbarer elektronischer Systeme (IEC 61508 1-7:2010)“

**Notified body:** TÜV SÜD Product Service GmbH  
Zertifizierstellen  
Ridlerstraße 65  
80339 München

**Identification number:** 0123

**EC type examination certificate:** Certificate no.: M6A 103700 0001 Rev. 00

**Year of CE marking:** 2020

**Note:** When this declaration of conformity is issued, the previous declarations of conformity lose their validity.  
**Version:** 2.03.00.00  
**File:** "1585-0071-02-ER\_EU-DeclarationOfConformity\_mcDSA-F17-EtherCAT Rev.AF.1 (PN 1513811)\_en\_V2.03.00.00"

The product 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 EU 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.

Großbeeren, 2021-06-25  
**miControl GmbH**

A handwritten signature in blue ink, appearing to read 'D. Parma'.

Dariusz Parma - Managing Director

**Note:** When this declaration of conformity is issued, the previous declarations of conformity lose their validity.  
**Version:** 2.03.00.00  
**File:** "1585-0071-02-ER\_EU-DeclarationOfConformity\_mcDSA-F17-EtherCAT Rev.AF.1 (PN 1513811)\_en\_V2.03.00.00"