

EU Declaration of conformity

According to Annex VI of the EU Directive 2014/53/EU

Manufacturer:
(name/address) **Cavotec Micro-control AS**
Gevinglia 112
N-7517 Hell
Norway

Type of equipment: **Industrial radio remote control – base-unit**
Type designation: **MC-BIX-00, MC-BIX-10, MC-BIX-11**

Manufacturer declares under our sole responsibility compliance to the:

- **Radio Equipment Directive 2014/53/EU**
 - Low Voltage Directive 2014/35/EU
 - EMC directive 2014/30/EU
- **Machinery directive 2006/42/EC**

By application of the following harmonised standards:

Complies to	Comments	Regarding
ETSI EN 300 220-2 v3.1.1 (2016)	Receiver category 1, (for use with 434MHz radio systems)	RED
ETSI EN 300 440-2 v1.4.1 (2010)	Receiver category 2, (for use with 2.4GHz radio systems)	
ETSI EN 301 489-3 v2.1.1 (2017)	Specific conditions for short range devices	EMC
EN 61000-6-2:2019 Ed.1	Immunity for industrial environments	
EN 61326-3-1:2017 Ed.1	Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications	
EN 62479:2010 Ed.1	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	LVD
EN 61010-1:2010/A1:2019 Ed.1	Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements	
EN 60945:2002 Ed.1	Maritime navigation and radio communication equipment and systems - General requirements	Maritime
EN ISO 13849-1:2015 Ed.1	Stop function Category 3 PL d *)	Machinery directive
EN 60204-1:2018 Ed.1	Safety of machinery - Electrical equipment of machines Part 1: General requirements **)	
EN 60204-32:2008 Ed.1	Safety of machinery - Electrical equipment of machines Part 32: Requirements for hoisting machines **)	
EN 13557:2003+A2:2008 Ed.1	Cranes — Controls and control stations **) Stop function Category 3 PL d	
EN 62745:2017/A11 Ed.1	Safety of machinery - Requirements for cableless control systems of machinery	

Information regarding the machinery directive

MC-BIX series is often used to control machinery, and consequently have to follow the provisions of the Machinery Directive. MC-BIX series is designed to provide a safe and reliable control of a machine, but to ensure that all requirements in the Machinery Directive are fulfilled the customer must specify his needs from a risk assessment at the machine.

Notes:

- *) Given that the requirements in user manuals and system documentation are fulfilled by the customer.
- **) Compliance is provided that the customer's specifications related to functionality of the crane, marking of controls and layout are in accordance to the standard.

Hell
(Place)

2021-04-06
(Date of issue)

Pål Solem
(Quality Manager)
Pål Solem
(name and signature of authorized person)