

Declaration of conformity

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-MB2**

Manufacturer declares under our sole responsibility compliance to the

- **Radio Equipment Directive 2014/53/EU**
- **Machinery directive 2006/42/EC**

By application of the following harmonised standards:

Complies to	Comments	Regarding
ETSI EN 300 220-2 v2.3.1	Receiver category 1	RED
ETSI EN 300 440-2 v1.4.1	Receiver category 2	
EN 62479:2010	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)	
ETSI EN 301 489-3 v1.4.1	Specific conditions for short range devices	EMC
EN 61000-6-2	Immunity for industrial environments	
EN 61010-1 :2010	Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements	LVD
IEC 60945 Ed.4	Maritime navigation and radio communication equipment and systems - General requirements	Maritime
IEC 60092-504 Ed. 3	Electrical installations in ships - Part 504: Special features - Control and instrumentation	
IEC 60533 Ed. 2	Electrical and electronic installations in ships - Electromagnetic compatibility	
EN ISO 13849-1 :2015	Stop function Category 3 PL d *)	Machinery directive
IEC 60204-1 Ed. 5.1	Safety of machinery - Electrical equipment of machines Part 1: General requirements **)	
IEC 60204-32 Ed. 2.0	Safety of machinery - Electrical equipment of machines Part 32: Requirements for hoisting machines **)	
EN 13557: 2003 +A2: 2008	Cranes — Controls and control stations **) Stop function Category 3 PL d	

Information regarding the machinery directive

MC-3 series is often used to control machinery, and consequently have to follow the provisions of the Machinery Directive. MC-3 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
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(Place)

2016-11-21
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(Date of issue)

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