



EU Declaration of Conformity

**IMO Precision Controls Ltd
The Interchange,
Frobisher Way
Hatfield,
Hertfordshire,
AL10 9TG**

declare under our sole responsibility that the following product/s

**IMO VXT Inverters
VXT**

followed by various alpha numerics to signify variant

to which this declaration relates, are in conformity with the requirements of the following standards and other normative documents

EN 61800-3:2004 + A1:2012	Adjustable speed electrical power drive systems. EMC requirements and specific test methods
EN 61326-3-1:2008	Electrical equipment for measurement, control and laboratory use. EMC requirements. Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety). General industrial applications
EN 61800-5-1:2007	Adjustable speed electrical power drive systems. Safety requirements. Electrical, thermal and energy

and therefore conform to the protection requirements of the Council Directives

2006/95/EC	relating to Machinery Directive
2011/65/EU	relating to RoHS
2014/30/EU	relating to Electromagnetic Compatibility
2014/35/EU	relating to Low Voltage Directive

CAUTION

The EMC filter built-in type of the IMO VXT inverters is categorized as “Category C3” of the EN61800-3. It is not designed for use in a domestic environment as it may interfere with the operations of home appliances or office equipment due to noise emitted from it.

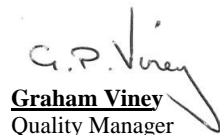
CE marking on IMO inverters does not ensure that the entire equipment including our CE-marked products is compliant with the EMC Directive. Therefore, CE marking for the equipment shall be the responsibility of the equipment manufacturer. For this reason, IMO’s CE mark is indicated under the condition that the product shall be used within equipment meeting all requirements for the relevant Directives, compliance of which will be the responsibility of the equipment manufacturer.

To satisfy the requirements noted above, use the EMC filter built-in type inverters or the combination of the basic type of inverters that have no built-in EMC filter and an external filter (option) dedicated to IMO inverters. In either case, mount inverters in accordance with the installation procedure covered in our technical manual for the VXT. To ensure the compliance, it is recommended to mount the inverters in a metal panel. Our EMC compliance test is performed under the following conditions.

IMO EMC compliance test is performed under the following conditions

Wiring length (of the shielded cable) between the inverter (EMC filter built-in type) and motor: 10m

To use IMO inverters in combination with a PWM converter, the basic type of inverters having no built-in EMC filter should be used. Use of an EMC filter built-in type may increase heat of capacitors in the inverter, resulting in damage; in addition, the effect of the EMC filter can no longer be expected



Graham Viney

Quality Manager
IMO Precision Controls Ltd.
Dated: 08/03/18